

*NEW YORK STATE  
INTER AGENCY  
FIRE SAFETY  
WORKING  
GROUP AIR, SOIL,  
AND WATER  
DATA FINDINGS*

*December 2023*

## **BESS Incident Overviews**

### **Warwick NY- June 27<sup>th</sup> through 29<sup>th</sup>, 2023.**

- 6/27/23- Fire is reported at Convergent Energy site #2, 28 Church Street Extension in the Town of Warwick adjacent to the local school bus garage; Site #1 in the Village of Warwick (behind the Warwick FD) also had an issue the same day that did not result in a fire. Local FD, Convergent Energy and Orange County Hazmat respond.
- 6/28/23- FPS V. Graves is contacted by detective Michael Hoffman of the Warwick PD re: an active fire investigation at the Convergent site #2. FPS Graves gave general overview of BESS emergencies and potential problems. Also on this date, BC Baker spoke with HM Chief Wayne Melton of Orange County HM regarding air monitoring and fire scene operations. Chief Melton indicated air monitoring for O2, CO, H2S, LEL, VOC and HCN with low levels of CO and HCN detected in the area approximately 1 meter from the affected containers and no readings outside the fence line.
- 6/29/23- In conjunction ESRG, OFPC was requested to the scene at site #2 for technical assistance. DC Jones and FPS Graves responded at 17:59 hours and on arrival (approximately 19:30 hours) witnessed the dismantling of several centipede type containers. Removal of the sections was required to isolate and prevent further fire spread. DC Jones and FPS Graves remained on scene until 22:00 hours.

### **Chaumont NY- July 27<sup>th</sup> through August 1<sup>st</sup>, 2023.**

- 7/27/23- OFPC was requested for technical assistance at 16:49 for a fire that had started 13:10 at 2783 CR 179 in the Town of Lyme, Chaumont Fire District, Jefferson County NY. Air monitoring was conducted by OFPC for HCN specifically with no readings found at 19:41. OFPC was released from the scene by Chaumont FD and Jefferson County at 20:48 hours.
- 7/28/23- OFPC is requested to the incident by CFC Plummer and the Chaumont Fire Chief at 10:01. Staff arrives at noon and begins 24hour coverage of the scene. Staffing ramps up and will later include six or more FPS, Hazmat 2 and UAS support.
- 7/29/23- At 0500 staff reported all visible fire out, and CO detectable but very low near the perimeter of the hot zone (fence line) with readings in single digits only. Air monitoring in the Village of Chaumont showed 1ppm VOC, consistent with background or sensor drift and not deemed significant. Cooling operations which had started on day 1 continued, and at 18:37 showed temperatures of involved containers at 300-400 Fahrenheit degrees.
- 7/30/23- OFPC day shift at 0700 reports no significant changes overnight. A County UAS mission at 13:50 showed temperatures of 250 Fahrenheit degrees interior to 300 Fahrenheit degrees exterior. No readings were found with air monitors- sensors used were O2, H2S, LEL, CO, VOC and HCN. Cooling water operations ceased at 13:30. Temperatures by 17:30 had not increased.
- 7/31/23 OFPC on site all day- standing by. No significant findings to report.
- 8/1/23- OFPC UAS confirmed ambient temperatures only with one exception- the container of origin showed one area at 195 Fahrenheit degrees. Meters showed only trace presence of CO, VOC and HCN at the base of the containers. At 13:36 entry was made to conduct a safety survey in anticipation of investigators being allowed access. Nothing

significant was reported. At 17:00 the power feed was secured from the solar field by industry members. Investigators from OFPC, NYSP and DEC made entry to document the scene with OFPC and Watertown Hazmat on standby with Chaumont FD. At 18:43 OFPC Hazmat was released from the scene by Chaumont FD and Jefferson County.

## **Incident Overview**

### **Battery Energy Storage System Fire- OFPC Air Monitoring**

**Town of Lyme New York, Chaumont Fire District**

**July 27, 2023, through August 1, 2023.**

On **July 27<sup>th</sup>, 2023**, the Office of Fire Prevention and Control was requested to the scene of a fire at 2783 CR 179 in the Town of Lyme, Jefferson County- the Chaumont Fire District.

Air monitoring was conducted by the Watertown hazmat team with OFPC technical assistance. The detection instruments used were looking for oxygen, explosive gases (LEL), carbon monoxide, hydrogen sulfide, volatile organic compounds, and hydrogen cyanide. Readings on the evening of the 27<sup>th</sup> were negative except for hydrogen cyanide which showed a maximum level of 4 ppm next to the damaged container and 0 pm at 200 feet from the involved areas.

OFPC staff returned to the scene on **July 28<sup>th</sup>, 2023**. No air monitoring was conducted.

On **July 29, 2023**, OFPC surveyed the perimeter fence with the same detection equipment as previously used. At 0500 hours CO was detectable but very low (single digit readings) with no readings for hydrogen sulfide, LEL, and VOC. Normal oxygen levels were present. Air monitoring in the Village of Chaumont was conducted some time later with a finding of 1ppm VOC. This reading was consistent with background levels and/or sensor drift and deemed not significant.

Air monitoring was conducted at midday on **July 30, 2023**, with no results and normal oxygen levels both at the fence line and in the exclusion zone.

Air monitoring conducted the next day **July 31, 2023**, also produced no results, and showed normal oxygen levels.

An entry into the site on **August 1, 2023**, allowed responders to repeat air monitoring surveys. During the evaluation, trace readings of carbon monoxide, volatile organic compounds and hydrogen cyanide were found at the base of the containers that had previously been involved in the fire. These readings were consistent with a previous fire condition. No detectable amounts of these materials were found at the fence line, and oxygen levels remained normal and consistent throughout. This was the final air monitoring mission by OFPC.



June 30, 2023

Jack I. Eisenbach, P.E.  
President  
**EISENBACH & RUHNKE ENGINEERING, P.C.**  
315-735-1916: Office  
315-335-1103: Cell

Dear Eisenbach,

This report summarizes the findings from our June 28, 2023 site inspection, air monitoring and surface sampling of representative areas of the Warwick Valley Schools Administrative Offices, Middle School, Transportation Office as well as School buses being considered for summer school. This assessment was conducted at your request due to the fire which initiated on a Convergent Energy Lithium Battery Storage unit, located approximately 900 feet from the Administrative Office/Middle School building. School bus parking and the transportation garage were also in the vicinity of the fire. It is our understanding that the fire started on Tuesday June 27, 2023, and shortly thereafter, the Facilities Department for the district took actions to close the school and deactivate rooftop air handling units to reduce the potential for entrainment of fire - related smoke and odors within the building. At the time of our June 28, 2023 inspection, the fire was still actively burning and smoke was being released.

Based upon the above, the purposes of the inspection were the following:

- Determine if all accessible air handling units on the Administrative and Middle School buildings were deactivated.
- Determine if there were any signs of smoke-related residues in representative offices, classrooms, gymnasium or cafeteria or common space areas.
- Determine if there were smoke-related odors in representative areas
- Determine if there were unusual airborne levels of volatile organic compounds or carbon monoxide measured within representative offices and classrooms which may be associated with the fire.
- Determine if there were measurable residues of lithium or unusual levels of fluoride ion on representative surfaces of the administrative, middle school, transportation office and school buses.
- Determine recommended steps to reduce potential smoke-related risks prior to returning to normal use of the building by students and staff.

Dr. Richard M. Lynch, Ph.D., CIH of Environmental Safety Management Corporation conducted this assessment with the assistance of yourself, and facilities staff of the Warwick Valley School District.

### Executive Summary of Preliminary Findings

The fire was actively burning at the time of our June 28, 2023 inspection. Depending on wind direction, low-level smoke odors were detectable, and low elevations of volatile organic compounds and carbon monoxide were detected outside of the building and on the rooftop. Most rooftop air handlers had been deactivated. Low level smoke-like odors were detectable in a few offices and classrooms, however there were no visible signs of smoke residues on surfaces of supply air diffusers, walls, desktops, or floors of the Administrative/Middle School building at the time of inspection. There were no significant elevations of volatile organic compounds detected in any indoor locations. Airborne particulate matter levels were all lower than outdoor levels. No lithium, fluoride or bromide residues were detected on surfaces of classroom or office desks, file cabinets or floors, nor on steering wheels, controls or driver or passenger seats within buses planned for use during summer school. Recommendations for keeping the building closed until the County HazMat team provides the All Clear, replacing rooftop air handling filters, and precautionary cleaning of offices and classrooms including walls, desks, floors and carpets where odors are detected, as well as for precautionary cleaning of summer school-planned buses are contained at the end of this report.

## **I. Methods**

The full scope of emissions from Lithium ion cell battery fires is currently under study. The current literature indicates that in addition to lithium fumes, gases and vapors released from Lithium-Ion battery fires may include carbon dioxide, carbon monoxide, hydrogen fluoride, phosphoryl fluoride and volatile organic compounds.

Based upon the above, the following methods were addressed during this assessment:

- A visual inspection of representative offices, classrooms and bus surfaces was conducted to determine the presence of smoke-like odors and signs of smoke or combustion residues
- Air monitoring was conducted for airborne particulate matter, carbon monoxide, carbon dioxide, hydrogen sulfide, volatile organic compounds, and temperature in approximately 16 representative classrooms and offices throughout the administrative and middle school building.
- Surface wipe samples were collected for lithium and anion (fluoride) residues in approximately 20 offices, classrooms and buses (including the transportation office).
- Samples were hand-delivered for Lithium analysis via Inductively Coupled Plasma-Mass Spectrophotometry, and fluoride and bromide anion analysis via Ion Chromatography.

## **II. Findings and Results**

Findings revealed the following:

- The fire was actively burning at the time of our June 28, 2023 inspection. Depending on wind direction, low-level smoke odors were detectable,
- Low levels of volatile organic compounds and carbon monoxide were detected outside of the building (ground levels and on the rooftop) up to 0.1 to 0.5 parts per million (100 to 500 parts per billion). Most rooftop air handlers had been deactivated.
- Low level smoke-like odors were detectable in a few offices and classrooms as shown in Table #1 at the end of this report.
- There were no signs of smoke residues on surfaces of supply air diffusers, walls, desktops or floors of the Administrative/Middle School building at the time of inspection.
- There were no elevations of volatile organic compounds or carbon monoxide detected in any indoor locations. Hydrogen sulfide levels were all below 0.2 parts per million.

- Indoor airborne particulate matter levels within the school and administrative offices were all lower than outdoor levels.
- There were no smoke-like odors in the 4 buses reported to be planned for use during summer school (Bus 355, 356, 360 and 376).
- Surface sampling for Lithium revealed no detected lithium ( $< 0.250$  micrograms per square foot) from any office, classroom or bus surfaces sampled.
- No bromide or fluoride were detected from any of the sampled locations ( $< 25 \mu\text{g}/\text{ft}^2$ )

All monitoring and sampling results are shown on Table #1 at the end of this report. Laboratory results are attached.

### **III. Conclusions and Recommendations**

Based upon the findings of this inspection, the deactivation of air handling units immediately upon the onset of the fire appear to have been helpful in reducing entrainment of smoke and residues associated with the burning Lithium-Ion batteries located at the southeast corner of the property. There were no signs of smoke residues in any of the classrooms or offices inspected within the administrative, middle school or transportation offices. There were no smoke-like odors in the 4 buses reported to be planned for use during summer school. No lithium, bromide or fluoride, residues were detected in classrooms, offices or bus surfaces sampled.

- Continue to keep the Administrative and Middle School classrooms closed with air handlers deactivated until the fire has terminated and the County HazMat Team has issued the "All Clear."
- After the "All Clear" filters in all rooftop air handlers should be removed and replaced and rooftop air handlers should be reactivated to ventilate the building and return temperature and humidity to normal levels.
- Custodial cleaning of classrooms and offices where smoke-like odors are detected should occur to include detergent cleaning and rinsing of desks and floor surfaces using cleaning agents normally used by custodial staff within the school e.g. Ecolab FaciliPro 77 Bio Enzymatic Odor Eliminator (already present in custodial closets throughout the school). Disposable vinyl gloves and eye protection, commonly used during routine custodial cleaning should be worn.
- If smoke-like odors remain in carpeted rooms (e.g. media center, main office, etc,) conduct carpet cleaning and water extraction.
- The Transportation Office and Facilities Offices which were closest to the fire should be detergent cleaned and rinsed. Buses used for summer school should be cleaned including the driver and passenger areas, using detergent and water. Disposable vinyl gloves and eye protection, commonly used during routine custodial cleaning should be worn.

Thanks for the opportunity to assist you. Please contact me at 856-764-3557 with any questions.

Sincerely,

*Richard M. Lynch*

Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM  
 President - Environmental Safety Management Corporation  
*Certified Industrial Hygienist*  
*Certified Microbial Consultant*  
*Certified Microbial Remediation Supervisor*  
*Certified Healthcare Facility Manager*  
*NJ Licensed Indoor Environmental Consultant*  
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School Name

Warwick School District

Inspection Type

Air Quality Inspection/Convergent Lithium Ion Battery Fire

Date of inspection

6/28/2023

Inspected by:

Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM - President - www.esmcorp.com

**Environmental Safety**  
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| Location                   | HVAC / Unit Ventilator Running? | Windows Open? | Smoke Odors? | Visible Smoke Residue? | Carbon Dioxide (ppm) | Carbon Monoxide (ppm) | oF | H2S  | Volatile Organics (ppb) | pm 2.5 ug m3 | surface lithium (ug/ft2) | surface FF/HBr (ug/ft2) | Comments                      |
|----------------------------|---------------------------------|---------------|--------------|------------------------|----------------------|-----------------------|----|------|-------------------------|--------------|--------------------------|-------------------------|-------------------------------|
| Outdoor Rooftop            |                                 |               |              |                        | 350                  | 2.5                   | 79 |      | 100 to 500              | 10.2         |                          |                         |                               |
| <b>District Offices</b>    |                                 |               |              |                        |                      |                       |    |      |                         |              |                          |                         |                               |
| cse meeting                | no                              | n/a           | no           | no                     | 488                  | 0                     | 74 | 0.13 | 294                     | 3.3          | <0.250                   | <25                     |                               |
| break room                 | no                              | no            |              |                        | 561                  | 0                     | 74 | 0.15 | 294                     | 4.4          | <0.250                   | <25                     |                               |
| conference room            | no                              | no            |              |                        | 436                  | 2.4                   | 74 | 0.11 | 292                     | 4.6          | <0.250                   | <25                     |                               |
| board room                 | yes                             | n/a           | no           | no                     | 418                  | 2.4                   | 72 | 0.08 | 222                     | 3            | <0.250                   | <25                     |                               |
| <b>Middle School</b>       |                                 |               |              |                        |                      |                       |    |      |                         |              | <0.250                   | <25                     |                               |
| gym                        | no                              | n/a           | yes          | no                     | 444                  | 2.3                   | 73 | 0.19 | 311                     | 6.1          | <0.250                   | <25                     | custodial clean surfaces      |
| cafeteria                  | yes                             | n/a           | no           | no                     | 362                  | c.4                   | 73 | 0.13 | 312                     | 5.5          | <0.250                   | <25                     | deactivated during inspection |
| main office/ guidance      | no                              | no            | yes          | no                     | 372                  | 2.4                   | 72 | 0.1  | 317                     | 4.4          |                          |                         | custodial clean surfaces      |
| faculty room               | no                              | n/a           | no           | no                     | 368                  | 2.4                   | 75 | 0.12 | 310                     | 7.5          |                          |                         | custodial clean surfaces      |
| Delta 3 Classrooms         | no                              | no            | no           | no                     | 356                  | 2.3                   | 73 | 0.14 | 318                     | 11.8         |                          |                         |                               |
| Delta 7                    | no                              | no            | no           | no                     | 382                  | 2.3                   | 73 | 0.11 | 322                     | 6.2          | <0.250                   |                         |                               |
| Gamma 9                    | no                              | no            | no           | no                     | 400                  | 2.3                   | 73 | 0.1  | 307                     | 6.4          | <0.250                   |                         | custodial clean surfaces      |
| Gamma 3                    | no                              | no            | yes          | no                     | 361                  | 2.3                   | 73 | 0.14 | 286                     | 7            | <0.250                   |                         | custodial clean surfaces      |
| Middle School Media Center | no                              | n/a           | yes          | no                     | 355                  | 2.2                   | 72 | 0.09 | 292                     | 7.1          |                          |                         | custodial clean surfaces      |
| Beta 4                     | no                              | no            | yes          | no                     | 358                  | 2.2                   | 72 | 0.1  | 283                     | 6.2          | <0.250                   |                         | custodial clean surfaces      |
| Alpha 8                    | no                              | no            | no           | no                     | 375                  | 2.2                   | 72 | 0.09 | 285                     | 5.6          | <0.250                   |                         |                               |
| Art2                       | no                              | no            | yes          | no                     | 361                  | 2.2                   | 73 | 0.06 | 307                     | 5.1          | <0.250                   |                         | custodial clean surfaces      |
| outdoors @ art             |                                 |               |              |                        | 350                  | 2.6                   | 78 | 0.01 | 268                     | 8.9          | <0.250                   |                         | custodial clean surfaces      |
| Transporation Office       |                                 |               |              |                        |                      |                       |    |      |                         |              | <0.250                   | <25                     | custodial clean surfaces      |
| Bus 355                    |                                 |               |              |                        |                      |                       |    |      |                         |              | <0.250                   | <25                     | custodial clean surfaces      |
| Bus 356                    |                                 |               |              |                        |                      |                       |    |      |                         |              | <0.250                   | <25                     | custodial clean surfaces      |
| Bus 360                    |                                 |               |              |                        |                      |                       |    |      |                         |              | <0.250                   | <25                     | custodial clean surfaces      |
| Bus 376                    |                                 |               |              |                        |                      |                       |    |      |                         |              | <0.250                   | <25                     | custodial clean surfaces      |
| blank                      |                                 |               |              |                        |                      |                       |    |      |                         |              | <0.250                   | <25                     | custodial clean surfaces      |
|                            |                                 |               |              |                        | 400                  | 2                     | 73 | 0.12 | 297                     | 5.9          |                          | -                       | -                             |

#### Conclusions & Recommendations

No smoke-like residues observed at time of inspection. Minor smoke odors detected where indicated. Reactivate air handlers to ventilate and control temperature and humidity. Conduct precautionary cleaning of surfaces and carpets where odors exist following termination of fire.



**EMSL Analytical, Inc.**

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RLynch@ESMCorp.com  
Phone: (856) 764-3557

EMSL Case No.: 362302164  
Sample(s) Received: 6/29/2023  
Date Reported: 6/30/2023  
Date Printed: 6/30/2023  
Reported By: D. Macready

## Laboratory Report

### Procurement of Samples and Analytical Overview:

The samples (twenty-eight, wipes) arrived at EMSL Analytical (Cinnaminson, NJ) on June 29, 2023 in good condition. The samples were submitted for the purpose of lithium, fluoride, and bromide analysis. The data reported herein has been obtained using the following equipment and methodologies.

Methods: Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)  
Hot Block Digestion  
Ion Chromatography (IC)

Lithium was analyzed by ICP-MS.  
Fluoride and Bromide were analyzed by IC.

Analyzed by:

June 30, 2023

Daniel Macready  
Senior Materials Science Engineer

Joel Keller  
Laboratory Technician

Date

Reviewed/Approved:

Eugenia Mirica, Ph.D.  
Laboratory Director

June 30, 2023

Date



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Reported By: D. Macready

### Results:

|                            |                  |                                     |
|----------------------------|------------------|-------------------------------------|
| Sample Number:             | Not Specified    |                                     |
| COC Sample ID:             | Field Blank      |                                     |
| EMSL Sample Number:        | 362302164-0001   |                                     |
| Analyte                    | Result (µg/wipe) | Limit of Quantitation/LOQ (µg/wipe) |
| Lithium (Li)               | < LOQ            | 0.250                               |
| Fluoride (F <sup>-</sup> ) | < LOQ            | 25.0                                |
| Bromide (Br <sup>-</sup> ) | < LOQ            | 25.0                                |

|                            |                  |                                     |
|----------------------------|------------------|-------------------------------------|
| Sample Number:             | Not Specified    |                                     |
| COC Sample ID:             | Bus 355          |                                     |
| EMSL Sample Number:        | 362302164-0002   |                                     |
| Analyte                    | Result (µg/wipe) | Limit of Quantitation/LOQ (µg/wipe) |
| Lithium (Li)               | < LOQ            | 0.250                               |
| Fluoride (F <sup>-</sup> ) | < LOQ            | 25.0                                |
| Bromide (Br <sup>-</sup> ) | < LOQ            | 25.0                                |

|                            |                  |                                     |
|----------------------------|------------------|-------------------------------------|
| Sample Number:             | Not Specified    |                                     |
| COC Sample ID:             | Bus 356          |                                     |
| EMSL Sample Number:        | 362302164-0003   |                                     |
| Analyte                    | Result (µg/wipe) | Limit of Quantitation/LOQ (µg/wipe) |
| Lithium (Li)               | < LOQ            | 0.250                               |
| Fluoride (F <sup>-</sup> ) | < LOQ            | 25.0                                |
| Bromide (Br <sup>-</sup> ) | < LOQ            | 25.0                                |



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|                            |                  |                                     |
|----------------------------|------------------|-------------------------------------|
| Sample Number:             | Not Specified    |                                     |
| COC Sample ID:             | Bus 360          |                                     |
| EMSL Sample Number:        | 362302164-0004   |                                     |
| Analyte                    | Result (µg/wipe) | Limit of Quantitation/LOQ (µg/wipe) |
| Lithium (Li)               | < LOQ            | 0.250                               |
| Fluoride (F <sup>-</sup> ) | < LOQ            | 25.0                                |
| Bromide (Br <sup>-</sup> ) | < LOQ            | 25.0                                |

|                            |                  |                                     |
|----------------------------|------------------|-------------------------------------|
| Sample Number:             | Not Specified    |                                     |
| COC Sample ID:             | Bus 376          |                                     |
| EMSL Sample Number:        | 362302164-0005   |                                     |
| Analyte                    | Result (µg/wipe) | Limit of Quantitation/LOQ (µg/wipe) |
| Lithium (Li)               | < LOQ            | 0.250                               |
| Fluoride (F <sup>-</sup> ) | < LOQ            | 25.0                                |
| Bromide (Br <sup>-</sup> ) | < LOQ            | 25.0                                |

|                            |                  |                                     |
|----------------------------|------------------|-------------------------------------|
| Sample Number:             | Not Specified    |                                     |
| COC Sample ID:             | Transportation   |                                     |
| EMSL Sample Number:        | 362302164-0006   |                                     |
| Analyte                    | Result (µg/wipe) | Limit of Quantitation/LOQ (µg/wipe) |
| Lithium (Li)               | < LOQ            | 0.250                               |
| Fluoride (F <sup>-</sup> ) | < LOQ            | 25.0                                |
| Bromide (Br <sup>-</sup> ) | < LOQ            | 25.0                                |



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|                            |                  |                                     |
|----------------------------|------------------|-------------------------------------|
| Sample Number:             | 1                |                                     |
| COC Sample ID:             | CSE File         |                                     |
| EMSL Sample Number:        | 362302164-0007   |                                     |
| Analyte                    | Result (µg/wipe) | Limit of Quantitation/LOQ (µg/wipe) |
| Lithium (Li)               | < LOQ            | 0.250                               |
| Fluoride (F <sup>-</sup> ) | < LOQ            | 25.0                                |
| Bromide (Br <sup>-</sup> ) | < LOQ            | 25.0                                |

|                            |                  |                                     |
|----------------------------|------------------|-------------------------------------|
| Sample Number:             | 2                |                                     |
| COC Sample ID:             | Admin B.R.       |                                     |
| EMSL Sample Number:        | 362302164-0008   |                                     |
| Analyte                    | Result (µg/wipe) | Limit of Quantitation/LOQ (µg/wipe) |
| Lithium (Li)               | < LOQ            | 0.250                               |
| Fluoride (F <sup>-</sup> ) | < LOQ            | 25.0                                |
| Bromide (Br <sup>-</sup> ) | 44.8             | 25.0                                |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 3                               |                                                    |
| COC Sample ID:      | Conf table                      |                                                    |
| EMSL Sample Number: | 362302164-0009                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 4                               |                                                    |
| COC Sample ID:      | Board Room                      |                                                    |
| EMSL Sample Number: | 362302164-0010                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |





## EMSL Analytical, Inc.

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|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 5                               |                                                    |
| COC Sample ID:      | Gym Floor                       |                                                    |
| EMSL Sample Number: | 362302164-0011                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 6                               |                                                    |
| COC Sample ID:      | Cafe Stage                      |                                                    |
| EMSL Sample Number: | 362302164-0012                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 7                               |                                                    |
| COC Sample ID:      | Art Sink                        |                                                    |
| EMSL Sample Number: | 362302164-0013                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 9                               |                                                    |
| COC Sample ID:      | Faculty Table                   |                                                    |
| EMSL Sample Number: | 362302164-0014                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 11                              |                                                    |
| COC Sample ID:      | Delta 7                         |                                                    |
| EMSL Sample Number: | 362302164-0015                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |



## EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077  
Phone: (856) 858-4800  
Fax: (856) 786-0392

Attn.: Dr. Richard Lynch  
Environmental Safety Management Corp.  
21 E. Scott Street  
Riverside, NJ 08075  
[RLynch@ESMCorp.com](mailto:RLynch@ESMCorp.com)  
Phone: (856) 764-3557

EMSL Case No.: 362302164  
Sample(s) Received: 6/29/2023  
Date Reported: 6/30/2023  
Date Printed: 6/30/2023  
Reported By: D. Macready

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 12                              |                                                    |
| COC Sample ID:      | Gamma 9                         |                                                    |
| EMSL Sample Number: | 362302164-0016                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 13                              |                                                    |
| COC Sample ID:      | Gamma 3                         |                                                    |
| EMSL Sample Number: | 362302164-0017                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 14                              |                                                    |
| COC Sample ID:      | Media Circle                    |                                                    |
| EMSL Sample Number: | 362302164-0018                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 15                              |                                                    |
| COC Sample ID:      | Beta 4                          |                                                    |
| EMSL Sample Number: | 362302164-0019                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |

|                     |                                 |                                                    |
|---------------------|---------------------------------|----------------------------------------------------|
| Sample Number:      | 16                              |                                                    |
| COC Sample ID:      | Alpha 8                         |                                                    |
| EMSL Sample Number: | 362302164-0020                  |                                                    |
| Analyte             | Result (µg/100cm <sup>2</sup> ) | Limit of Quantitation/LOQ (µg/100cm <sup>2</sup> ) |
| Lithium (Li)        | < LOQ                           | 0.250                                              |



## ***EMSL Analytical, Inc.***

200 Route 130 North, Cinnaminson, NJ 08077  
Phone: (856) 858-4800  
Fax: (856) 786-0392

Attn.: Dr. Richard Lynch  
Environmental Safety Management Corp.  
21 E. Scott Street  
Riverside, NJ 08075  
[RLynch@ESMCorp.com](mailto:RLynch@ESMCorp.com)  
Phone: (856) 764-3557

EMSL Case No.: 362302164  
Sample(s) Received: 6/29/2023  
Date Reported: 6/30/2023  
Date Printed: 6/30/2023  
Reported By: D. Macready

### **Important Terms, Conditions, and Limitations:**

**Sample Retention:** Non-perishable samples analyzed by EMSL will be retained for 60 days after analysis date at room temperature conditions. Perishable samples will be retained for maximum of 30 days in refrigerated conditions. Storage beyond this period is available for a fee with written request prior to the initial 30 day period. Samples containing hazardous/toxic substances which require special handling may be returned to the client immediately EMSL reserves the right to charge a sample disposal or return shipping fee.

**Change Orders and Cancellation:** All changes in the scope of work or turnaround time requested by the client after sample acceptance must be made in writing and confirmed in writing by EMSL. If requested changes result in a change in cost the client must accept payment responsibility. In the event work is cancelled by a client, EMSL will complete work in progress and invoice for work completed to the point of cancellation notice. EMSL is not responsible for holding times that are exceeded due to such changes.

**Warranty:** EMSL warrants to its clients that all services provided hereunder shall be performed in accordance with established and recognized analytical testing procedures and with reasonable care in accordance with applicable federal, state and local laws. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. EMSL disclaims any other warranties, express or implied, including a warranty of fitness for particular purpose and warranty of merchantability.

**Limits of Liability:** In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. EMSL will not be held responsible for the improper selection of sampling devices even if we supply the device to the user. The user of the sampling device has the sole responsibility to select the proper sampler and sampling conditions to ensure that a valid sample is taken for analysis. Any resampling performed will be at the sole discretion of EMSL, the cost of which shall be limited to the reasonable value of the original sample delivery group (SDG) samples. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder.

The data and other information contained in this report, as well as any accompanying documents, represent only the samples analyzed. They are reported upon the condition that they are not to be reproduced wholly or in part for advertising or other purposes without the written approval from the laboratory.



Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 09:59 AM  
by Richard Lynch*



Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 10:04 AM  
by Richard Lynch*



Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 10:33 AM  
by Richard Lynch*



Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 10:35 AM  
by Richard Lynch*



Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 10:35 AM  
by Richard Lynch*



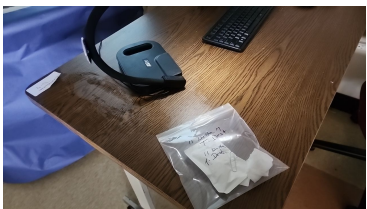
Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 10:38 AM  
by Richard Lynch*



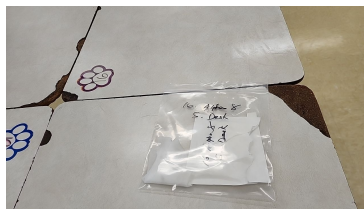
Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 02:35 PM  
by Richard Lynch*



Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 02:57 PM  
by Richard Lynch*



Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 02:57 PM  
by Richard Lynch*



Warwick School  
**225 West St • Warwick, NY 10990**  
*Wed, Jun 28 03:16 PM  
by Richard Lynch*



Warwick School  
**225 West St • Warwick, NY 10990**

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*Wed, Jun 28 03:56 PM  
by Richard Lynch*



Warwick School  
**225 West St • Warwick, NY 10990**

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*Wed, Jun 28 04:09 PM  
by Richard Lynch*



November 9, 2023

Ms. Caroline Schmitz  
Division of Environmental Remediation  
New York Department of Environmental Conservation  
50 Circle Road  
Stony Brook, NY 11790

Re: **Soil Sampling & Analysis Results**  
East Hampton Energy Storage  
3 Cove Hollow Road  
East Hampton, NY 11937  
NYDEC Spill #2301712

Dear Ms. Schmitz:

NextEra Energy Environmental Services has prepared this summary of soil sampling and analysis results for the above-referenced property. The objective of the sampling and analysis was to evaluate potential impacts to surficial soils from water (run-off) used to extinguish a lithium battery fire at the East Hampton Energy Storage facility. The report provides background information on the incident, a summary of soil sampling activities, the results of soil laboratory analysis for constituents of concern with an associated summary table and figure, and conclusions/recommendations.

#### Site Description and Background

The site, East Hampton Energy Storage, is located at 3 Cove Hollow Road in East Hampton, Suffolk County, New York. This site is an approximately 0.5-acre compound located with a larger parcel of land identified with Suffolk County parcel ID # 0300-185.00-02.00-002.000. The site consists of a battery energy storage facility that utilizes lithium-ion batteries to store generated electricity. The facility is owned and operated as a partnership between NextEra Energy and National Grid.

On May 31, 2023, a fire occurred at the East Hampton Energy Storage facility impacting the lithium-ion battery system in the building. When lithium-ion batteries ignite, they have the potential to generate intense heat which can make it easy for the fire to spread, as well as release fumes. These types of fires can be incredibly hard to extinguish due to the intense heat generated and they can easily reignite. As a result of this condition, the facility maintained the emergency sprinkler system running for approximately 30 hours to make sure the battery fire had been fully extinguished. This resulted in water inside the building eventually exiting the building and migrating to the adjacent dirt road to the southwest of the compound. Refer to attached **Figure 1** which shows the features of the battery energy storage facility.

## Soil Sampling & Analysis Results

East Hampton Energy Center • East Hampton, New York

November 9, 2023



Wipe samples of the interior of the battery storage building were taken by a Certified Industrial Hygienist, Josh Levine with Liro Engineers, Inc. to investigate potential contaminants from the battery fire fumes. Wipe samples collected on June 14, 2023 were submitted to EMSL Analytical, Inc. Wipe analytical results were previously provided to New York DEC and are provided in **Attachment A**.

On July 12, 2023, Miller Environmental Group, Inc. (Miller) prepared a Site Sampling Plan which detailed the plan to evaluate potential impacts to soils. The analysis selection in the Miller sampling plan was largely based on the EMSL Wipe analysis data. The sampling plan was approved by New York DEC in a July 20, 2023 e-mail, but DEC indicated that the “entire series” of metals must be included for analysis. A copy of the Miller Site Sampling Plan and DEC approval e-mail is provided as **Attachment A**. It should also be noted that the constituent lithium was added to the analysis regimen by New York DEC the day of field sampling (October 4, 2023).

### Soil Sampling

Fieldwork was conducted by experienced NextEra Energy Environmental Services staff with United States Occupational Safety and Health Administration (OSHA) 1910.120 training. Field activities were conducted in general accordance with New York DEC sampling guidelines.

On October 4, 2023, two background soil samples (B-1 & B-2) were collected in areas adjacent to the facility in which water had not migrated to and five soil samples (S-1 through S-5) were collected in the water discharge area. The soil sampling locations are shown on **Figure 1** (Sampling Location Plan).

Per the sampling plan and the direction of Caroline Schmitz, the soil samples were collected over a one-foot interval from the ground surface to one foot below the ground surface. More specifically, the samples were collected with a decontaminated 3-inch diameter stainless steel hand auger, the respective soil sample homogenized in an aluminum-lined stainless-steel bowl, and the homogenized sample placed into a laboratory provided 8-oz glass containers. The auger and other sampling equipment that came into contact with site soils were decontaminated prior to the beginning of the sampling and before advancing each successive soil boring using a Liquinox detergent wash, a potable water rinse and de-ionized water final rinse. Inspection of the recovered soil samples did not reveal evidence of staining or unusual odors. Excess soil cuttings from the sampling were returned to the respective borehole for use as backfill.

The containerized soil samples obtained by NextEra Energy were labeled and placed in an ice-filled cooler. The soil samples and completed chain-of-custody record were transported to Con-test, a Pace Analytical Laboratory in Melville, New York. Con-test is a New York Department of Health certified National Environmental Laboratory Accreditation Program (NELAP)-accredited laboratory (NY Certification #: 10899). The samples were analyzed for the metals aluminum, antimony, arsenic, barium, beryllium, boron, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, tin, vanadium and zinc by EPA Method 6010D (except mercury was analyzed by EPA Method 7471B). It should be noted that Con-test/Pace Analytical Laboratory failed to analyze the submitted soil samples for lithium since they were not certified in the State of New York for this analyte, failed to submit the sample to a certified sub-contract laboratory for lithium analysis, and failed to



## Soil Sampling & Analysis Results

East Hampton Energy Center • East Hampton, New York

November 9, 2023



notify NextEra Energy of the lack of lithium analysis until the laboratory report was finalized. National Grid collected split soil samples and submitted the samples to York Analytical Laboratories Inc. (NELAP # 10854 and 12058). York was not able to perform the lithium analysis in-house, so they sub-contracted Long Island Analytical Laboratories Inc. (NELAP # 11693) to perform the analysis.

### Analysis Results

A summary of the soil laboratory analysis results is provided in **Table 1**. As shown in the table, analysis of soil samples B-1, B-2 and S-1 through S-5 yielded detections of aluminum, arsenic, barium, beryllium, calcium, chromium, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, silver, vanadium and/or zinc. The concentrations of these constituents were below respective New York DEC Soil Cleanup Objectives (SCOs) for commercial use per tables in 6 NYCRR 375, and in most cases, were below unrestricted or residential SCOs. Several constituents do not have New York DEC SCOs; therefore, US Environmental Protection Agency (EPA) Regional Screening Levels (RSLs), if applicable, were used for comparison purposes. None of the RSLs were exceeded. It should be noted that the reported concentrations of iron ranging from 3400 to 5800 milligrams per kilogram (mg/kg) exceeded the residential SCO of 2000 mg/kg, and no commercial SCO or EPA RSL was identified for iron. These concentrations of iron in soil are background/naturally occurring, and previous wipe soil analysis did not identify elevated levels of iron. A copy of the soil analytical reports and associated chain-of-custody records are provided as **Attachment B**.

### Conclusions and Recommendations

Soil sampling and analysis was completed to evaluate potential impacts to surficial soils from water (run-off) used to extinguish a lithium battery fire at the East Hampton Energy Storage facility. The analysis did not identify concentrations of constituents of concern in excess of New York DEC SCOs for commercial use. In addition, there was no discernable difference in the concentration of constituents of concern in site background soil samples versus those samples collected in the water discharge area. Based on the above, it is apparent that there are no adverse impacts to the soils as a result of the battery fire discharge water. NextEra Energy and National Grid recommend no further investigation or remedial activities. It is requested that New York DEC change the status of Spill #2301712 to closed.



## Soil Sampling & Analysis Results

East Hampton Energy Center • East Hampton, New York

November 9, 2023



Should you have any question or concerns regarding the soil sampling and analysis results, please contact Andrew Petric at (561) 304-5630 or [andrew.petric@nexteraenergy.com](mailto:andrew.petric@nexteraenergy.com).

Sincerely,

A handwritten signature in black ink, appearing to read "AP", written over a light blue horizontal line.

Andrew Petric, P.G. (FL)

Environmental Services Project Manager

Copy: National Grid, Johanna Hartmann and Nicholas Calabro

Attachments:   Figure 1: Sampling Location Plan  
                      Table 1: Soil Analytical Summary  
                      A – Approved Miller Sampling Plan & NYDEC Approval E-mail  
                      B – Laboratory Analytical Results





B-1

B-2



battery building

<-- gravel drive -->

### Legend

-  compliance soil sample location
-  background soil sample location
-  area of water discharge
-  East Hampton Energy Storage

### SAMPLING LOCATION PLAN

EAST HAMPTON ENERGY STORAGE  
3 COVE HOLLOW ROAD  
EAST HAMPTON, SUFFOLK COUNTY, NEW YORK

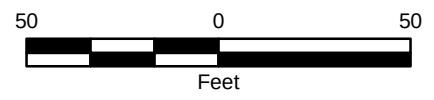


**FIGURE 1**



# TABLE 1: SOIL ANALYTICAL SUMMARY

NYDEC Spill # 2301712

Facility Name: East Hampton Energy Storage

| Metal     | Unit  | SCO (unrestricted) | SCO (residential) | SCO (Comm) | EPA RSL (residential) | EPA RSL (Industrial) | Background Sample |           | Compliance Sample |           |            |           |            |
|-----------|-------|--------------------|-------------------|------------|-----------------------|----------------------|-------------------|-----------|-------------------|-----------|------------|-----------|------------|
|           |       |                    |                   |            |                       |                      | B-1               | B-2       | S-1               | S-2       | S-3        | S-4       | S-5        |
| Aluminum  | mg/kg | NV                 | NV                | NV         | 77000                 | 1000000              | 6300              | 5500      | 4300              | 3800      | 5200       | 5200      | 3200       |
| Antimony  | mg/kg | NV                 | NV                | NV         | 31                    | 31                   | ND (1.9)          | ND (2.1)  | ND (2.2)          | ND (2.4)  | ND (2.2)   | ND (2.4)  | ND (2.1)   |
| Arsenic   | mg/kg | 13                 | 16                | 16         | N/A                   | N/A                  | 6.7               | ND (4.3)  | ND (4.3)          | ND (4.8)  | ND (4.5)   | ND (4.8)  | ND (4.3)   |
| Barium    | mg/kg | 350                | 350               | 400        | N/A                   | N/A                  | 20                | 11        | 8.5               | 17        | 15         | 18        | 9.8        |
| Beryllium | mg/kg | 7.2                | 14                | 590        | N/A                   | N/A                  | 0.25              | 0.27      | ND (0.22)         | ND (0.24) | ND (0.22)  | ND (0.24) | ND (0.21)  |
| Boron     | mg/kg | NV                 | NV                | NV         | 16000                 | 230000               | ND (3.8)          | ND (4.3)  | ND (4.3)          | ND (4.8)  | ND (4.5)   | ND (4.8)  | ND (4.3)   |
| Cadmium   | mg/kg | 2.5                | 2.5               | 9.3        | N/A                   | N/A                  | ND (0.38)         | ND (0.43) | ND (0.43)         | ND (0.48) | ND (0.45)  | ND (0.48) | ND (0.43)  |
| Calcium   | mg/kg | NV                 | NV                | NV         | NV <sup>2</sup>       | NV <sup>2</sup>      | 2400              | 490       | 310               | 5900      | 1400       | 2100      | 560        |
| Chromium  | mg/kg | 1*                 | 22*               | 400        | N/A                   | N/A                  | 6.9               | 4.5       | 3.4               | 5.2       | 6.4        | 5.7       | 4.3        |
| Cobalt    | mg/kg | NV                 | 30                | NV         | N/A                   | N/A                  | ND (1.9)          | ND (2.1)  | ND (2.2)          | ND (2.4)  | ND (2.2)   | ND (2.4)  | ND (2.1)   |
| Copper    | mg/kg | 50                 | 270               | 270        | N/A                   | N/A                  | 19                | 3.8       | 4.1               | 4.8       | 14         | 8.5       | 8.5        |
| Iron      | mg/kg | NV                 | 2000              | NV         | N/A                   | N/A                  | 5800              | 4400      | 3400              | 3800      | 5000       | 5400      | 3500       |
| Lead      | mg/kg | 63                 | 400               | 1000       | N/A                   | N/A                  | 11                | 12        | 5.0               | 7.7       | 7.0        | 12        | 6.0        |
| Lithium** | mg/kg | NV                 | NV                | NV         | 160                   | 2300                 | ND (17.6)         | ND (16.2) | ND (17.5)         | ND (17.3) | ND (18.2)  | ND (17.0) | ND ( 16.0) |
| Magnesium | mg/kg | NV                 | NV                | NV         | NV <sup>2</sup>       | NV <sup>2</sup>      | 1200              | 430       | 320               | 710       | 890        | 900       | 500        |
| Manganese | mg/kg | 1600               | 2000              | 10000      | N/A                   | N/A                  | 66                | 54        | 41                | 44        | 60         | 86        | 34         |
| Mercury   | mg/kg | 0.18               | 0.81              | 2.8        | N/A                   | N/A                  | ND (0.031)        | 0.052     | 0.033             | 0.04      | ND (0.036) | 0.052     | ND (0.034) |
| Nickel    | mg/kg | 30                 | 140               | 310        | N/A                   | N/A                  | 3.3               | 2.2       | 1.7               | 3.0       | 3.4        | 3.4       | 2.2        |
| Potassium | mg/kg | NV                 | NV                | NV         | NV <sup>2</sup>       | NV <sup>2</sup>      | 360               | ND (210)  | 220               | 310       | 300        | 440       | 230        |
| Selenium  | mg/kg | 3.9                | 36                | 1500       | N/A                   | N/A                  | ND (3.8)          | ND (4.3)  | ND (4.3)          | ND (4.8)  | ND (4.5)   | ND (4.8)  | ND (4.3)   |
| Silver    | mg/kg | 2                  | 36                | 1500       | N/A                   | N/A                  | 0.62              | 0.55      | ND (0.43)         | ND (0.48) | 0.58       | 0.67      | 0.44       |
| Sodium    | mg/kg | NV                 | NV                | NV         | NV <sup>2</sup>       | NV <sup>2</sup>      | ND (190)          | ND (210)  | ND (220)          | ND (240)  | ND (220)   | ND (240)  | ND (210)   |
| Thallium  | mg/kg | NV                 | NV                | NV         | 0.78                  | 120                  | ND (1.9)          | ND (2.1)  | ND (2.2)          | ND (2.4)  | ND (2.2)   | ND (2.4)  | ND (2.1)   |
| Tin       | mg/kg | NV                 | NV                | NV         | 47000                 | 700000               | ND (3.8)          | ND (4.3)  | ND (4.3)          | ND (4.8)  | ND (4.5)   | ND (4.8)  | ND (4.3)   |
| Vanadium  | mg/kg | NV                 | 100               | NV         | N/A                   | N/A                  | 10                | 7.7       | 5.8               | 8         | 9.7        | 11        | 6.6        |
| Zinc      | mg/kg | 109                | 2200              | 10000      | N/A                   | N/A                  | 17                | 11        | 7.3               | 14        | 18         | 20        | 10         |

Notes:

Samples collected on October 4, 2023

Samples collected over an interval of 0 to 1-foot deep

mg/kg = milligrams per kilogram

ND = Not Detected; value after the ND is the reporting limit at the level of quantitation (LOQ)

SCO (unrestricted) = New York DEC soil cleanup objective for unrestricted use per tables in 6 NYCRR 375

SCO (residential) = New York DEC soil cleanup objective for residential use per tables in 6 NYCRR 375

SCO (comm) = New York DEC soil cleanup objective for commercial use per tables in 6 NYCRR 375

SCR residential for cobalt, iron and vanadium is derived from CP-51, Supplemental SCOs (dated Oct. 21, 2010)

EPA RSL (residential) = US Environmental Protection Agency regional screening level for residential use property (updated May 2023)

EPA RSL (industrial) = US Environmental Protection Agency regional screening level for industrial use property (updated May 2023)

\*The SCO for Total Chromium is considered to be met if the analysis result is below the specific SCO for Hexavalent Chromium.

\*\*indicates lithium results from National Grid subcontract laboratory

NV - No Value exists in New York DEC per tables in 6 NYCRR 375, NV<sup>2</sup> = No value exists for EPA RSL

N/A - Not Applicable

**Attachment A – Approved Miller Sampling Plan &  
NYDEC Approval E-mail**



## Site Sampling Plan

July 12, 2023

East Hampton Energy Storage  
3 Cove Hollow Road  
East Hampton, NY 11937

NYSDEC Spill #: 2301712

### Background

The below cursory scope of work is intended to address potential adverse impact to the environment as a result of a lithium battery fire at the above referenced site.

The site consists of a battery energy storage facility that utilizes lithium-ion batteries to store generated electricity. On May 31, 2023, the building that houses the lithium-ion battery system malfunctioned and resulted in a fire. When lithium-ion batteries ignite, they have the potential to generate intense heat which can make it easy for the fire to spread, as well as release toxic fumes. These types of fires can be incredibly hard to extinguish due to the intense heat generated and they can easily reignite. As a result of this condition, the facility maintained the emergency sprinkler system running for approximately 30 hours to make sure the battery fire had been extinguished. This resulted in a large accumulation of water inside the building, which eventually overflowed from the building and pooled on the adjacent dirt road (see attached photo log). Samples were taken by a Certified Industrial Hygienist, Josh Levine with Liro Engineers, Inc. Samples were taken on 6/14/2023 and were submitted to EMSL Analytical, Inc on 6/20/2023 (see attached laboratory report).

### Sampling Procedures

Miller Environmental Group, Inc (MEG) proposes to collect multiple soil samples of the affected area outside the building and dirt roadway where runoff occurred.

A series of five (5) soil samples will be collected from the surrounding dirt roadway and two (2) background samples (see proposed sampling area map). Based on the wipe samples conducted by Liro Engineers, each of the samples will be laboratory analyzed for part 375 metals, more specifically: cadmium, chromium, copper, lead, manganese, mercury, nickel, zinc, and with the addition of cobalt.

The samples will be collected using a hand auger and will be taken at a depth of one (1) foot. All will be sampled in accordance with appropriate sampling and decontamination protocols, containerized in laboratory supplied glassware, stored on ice, and sent under chain of custody



MILLER ENVIRONMENTAL GROUP INC.

---

procedure to Phoenix Environmental Laboratories, Inc., 587 East Middle Turnpike, Manchester, CT, 06045.

A letter report of findings will be prepared pending the results of laboratory analysis and review of data.

Sincerely,

Anthony Gilman  
Junior Geologist



MILLER ENVIRONMENTAL GROUP INC.

---

SAMPLING AREA MAP







MILLER ENVIRONMENTAL GROUP INC.

---

Analytical Report  
(EMSL Analytical Inc)



**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone: (317) 803-2997 Fax: (317) 803-3047 Email: indianapolislaboratory@emsl.com

Attn:

**Josh Levine  
Liro Engineers, Inc.  
235 East Jericho Turnpike  
Mineola, NY 11501**

Phone: (516) 595-2900  
Fax: (516) 937-5421

6/21/2023

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/20/2023. The results are tabulated on the attached data pages for the following client designated project:

**23-213-2605/EAST HEMPSTEAD BESS**

The reference number for these samples is EMSL Order #162313916. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (317) 803-2997.

Approved By:

Aleksandra Kuchenbrod, Inorganic Chemistry Lab  
Manager

Chemical Testing  
2845.25

Method blank was outside method control limits for copper (1.9ug/wipe) and zinc (3.2 ug/wipe)

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc. A2LA accredited chemical testing laboratory for Lead in Paint by Inductively Coupled Plasma (ICP), Total Lead in Children's Metal Jewelry and Phthalates.

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<http://www.EMSL.com>[indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

EMSL Order: 162313916

CustomerID: LIRO50A

CustomerPO: 23-213-2605

ProjectID:

Attn: **Josh Levine**  
**Liro Engineers, Inc.**  
**235 East Jericho Turnpike**  
**Mineola, NY 11501**

Phone: (516) 595-2900  
 Fax: (516) 937-5421  
 Received: 6/20/2023 10:24 AM  
 Collected:

Project: 23-213-2605/EAST HEMPSTEAD BESS

**Analytical Results**

**Client Sample Description** MW-001  
 NORTH WEST CORNER ON BOX  
**Collected:**  
**Lab ID:** 162313916-0001

| Method        | Parameter | Result | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|--------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |        |     |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND     | 1.9 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | 9.2    | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 2400   | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 51     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | 1700   | 460 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | 220    | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Manganese | 2300   | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 5900 D | 93  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 540    | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

**Client Sample Description** MW-002  
 NORTH CENTER ON BOX  
**Collected:**  
**Lab ID:** 162313916-0002

| Method        | Parameter | Result  | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|---------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |         |     |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND      | 1.9 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | 390     | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 34000 D | 120 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 730     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | 3400    | 460 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND      | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | 1400    | 46  | µg/ft² | 6/20/2023 JW           | 6/21/2023 JW               |
| 3050B/6010D   | Manganese | 23000 D | 120 | µg/ft² | 6/20/2023 JW           | 6/21/2023 JW               |
| 3050B/6010D   | Nickel    | 88000 D | 230 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 80000 D | 230 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

**Client Sample Description** MW-003  
 NORTH EAST ON BOX  
**Collected:**  
**Lab ID:** 162313916-0003

| Method        | Parameter | Result | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|--------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |        |     |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND     | 1.9 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | 4.8    | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 1200   | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

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EMSL Order: 162313916

CustomerID: LIRO50A

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Attn: **Josh Levine**  
**Liro Engineers, Inc.**  
**235 East Jericho Turnpike**  
**Mineola, NY 11501**

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 Fax: (516) 937-5421  
 Received: 6/20/2023 10:24 AM  
 Collected:

Project: 23-213-2605/EAST HEMPSTEAD BESS

**Analytical Results**

**Client Sample Description** MW-003  
 NORTH EAST ON BOX  
**Collected:**  
**Lab ID:** 162313916-0003

| Method        | Parameter | Result | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|--------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |        |     |        |                        |                            |
| 3050B/6010D   | Copper    | 69     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | ND     | 460 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | 100    | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Manganese | 1200   | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 2900   | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 660    | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

**Client Sample Description** MW-004  
 SOUTH CORRIDOR WEST ON BOX  
**Collected:**  
**Lab ID:** 162313916-0004

| Method        | Parameter | Result  | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|---------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |         |     |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND      | 1.9 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | 5.9     | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 30000 D | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 330     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | 700     | 460 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | 12      | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | 660     | 46  | µg/ft² | 6/20/2023 JW           | 6/21/2023 JW               |
| 3050B/6010D   | Manganese | 12000 D | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 76000 D | 230 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 2900    | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

**Client Sample Description** MW-005  
 SOUTH CORRIDOR CENTER ON WOOD  
**Collected:**  
**Lab ID:** 162313916-0005

| Method        | Parameter | Result   | RL   | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|----------|------|--------|------------------------|----------------------------|
| <b>METALS</b> |           |          |      |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND       | 1.9  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | 16       | 4.6  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 5100 D   | 46   | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 140      | 9.3  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | 160000 D | 4600 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND       | 9.3  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

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EMSL Order: 162313916

CustomerID: LIRO50A

CustomerPO: 23-213-2605

ProjectID:

Attn: **Josh Levine**  
**Liro Engineers, Inc.**  
**235 East Jericho Turnpike**  
**Mineola, NY 11501**

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 Received: 6/20/2023 10:24 AM  
 Collected:

Project: 23-213-2605/EAST HEMPSTEAD BESS

**Analytical Results**

**Client Sample Description** MW-005 **Collected:** **Lab ID:** 162313916-0005  
 SOUTH CORRIDOR CENTER ON WOOD

| Method        | Parameter | Result  | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|---------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |         |     |        |                        |                            |
| 3050B/6010D   | Lithium   | 440     | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Manganese | 5100 D  | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 12000 D | 93  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 2600    | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

**Client Sample Description** MW-006 **Collected:** **Lab ID:** 162313916-0006  
 SOUTH CORRIDOR EAST ON LOUVRE

| Method        | Parameter | Result  | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|---------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |         |     |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND      | 1.9 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | 34      | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 6000 D  | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 140     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | 2200    | 460 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND      | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | 320     | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Manganese | 4000    | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 15000 D | 93  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 1200    | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

**Client Sample Description** MW-007 **Collected:** **Lab ID:** 162313916-0007  
 SOUTH EAST CORNER ON WOOD

| Method        | Parameter | Result  | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|---------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |         |     |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND      | 1.9 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | ND      | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 4800 D  | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 120     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | 1100    | 460 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND      | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | 390     | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Manganese | 4000    | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 12000 D | 93  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

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EMSL Order: 162313916

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Project: 23-213-2605/EAST HEMPSTEAD BESS

**Analytical Results**

**Client Sample Description** MW-007  
SOUTH EAST CORNER ON WOOD  
**Collected:**  
**Lab ID:** 162313916-0007

| Method        | Parameter | Result | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|--------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |        |     |        |                        |                            |
| 3050B/6010D   | Zinc      | 1500   | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

**Client Sample Description** MW-008  
EAST CORRIDOR ON BOX  
**Collected:**  
**Lab ID:** 162313916-0008

| Method        | Parameter | Result | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|--------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |        |     |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND     | 1.9 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | ND     | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 3100   | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 50     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | ND     | 460 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | 220    | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Manganese | 2600   | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 8100 D | 93  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 1400   | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

**Client Sample Description** MW-009  
NORTH CORRIDOR ON LOUVRE  
**Collected:**  
**Lab ID:** 162313916-0009

| Method        | Parameter | Result  | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|---------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |         |     |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND      | 1.9 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | ND      | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 52000 D | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 99      | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | 790     | 460 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND      | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | 170     | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Manganese | 3000    | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 13000 D | 93  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 640     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

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**Analytical Results**

**Client Sample Description** MW-010  
 NORTH CORRIDOR ON FILTER FRAME  
**Collected:**  
**Lab ID:** 162313916-0010

| Method        | Parameter | Result  | RL  | Units  | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|---------|-----|--------|------------------------|----------------------------|
| <b>METALS</b> |           |         |     |        |                        |                            |
| 3050B/6010D   | Cadmium   | ND      | 1.9 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | 89      | 4.6 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 17000 D | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 170     | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | 2800    | 460 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND      | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | 790     | 46  | µg/ft² | 6/20/2023 JW           | 6/21/2023 JW               |
| 3050B/6010D   | Manganese | 13000 D | 46  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 40000 D | 93  | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 4100    | 9.3 | µg/ft² | 6/20/2023 JW           | 6/20/2023 JW               |

**Client Sample Description** MW-011  
 FIELD BLANK  
**Collected:**  
**Lab ID:** 162313916-0011

| Method        | Parameter | Result | RL   | Units   | Prep<br>Date & Analyst | Analysis<br>Date & Analyst |
|---------------|-----------|--------|------|---------|------------------------|----------------------------|
| <b>METALS</b> |           |        |      |         |                        |                            |
| 3050B/6010D   | Cadmium   | ND     | 0.20 | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Chromium  | 0.53   | 0.50 | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Cobalt    | 8.7    | 0.50 | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Copper    | 7.1    | 1.0  | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Iron      | ND     | 50   | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lead      | ND     | 1.0  | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Lithium   | ND     | 5.0  | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Manganese | 9.4    | 0.50 | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Nickel    | 22     | 1.0  | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |
| 3050B/6010D   | Zinc      | 28     | 1.0  | µg/wipe | 6/20/2023 JW           | 6/20/2023 JW               |

**Definitions:**

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results





## LiRo Engineers, Inc. - Wipe/Swab Sample Chain-of-Custody Form

Date: 6/14/2023Page 1 of 2

142313914

|                                          |                                                                                                                                   |                                                                                                         |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Project Name: <u>East Hempstead BESS</u> |                                                                                                                                   | Results to: <u>Josh Levine</u>                                                                          |
| Project #: <u>23-213-2605</u>            | PO #                                                                                                                              | Analysis Requested: <u>Metals Profile As Per Agreement</u><br><u>cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, Zn</u> |
| Fax #:                                   | Email: <u>levinej@liro.com</u>                                                                                                    |                                                                                                         |
| Number of Samples: <u>11</u>             | Turn-Around Time 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Other <u>1 week</u> |                                                                                                         |
| Authorized By: <u>Josh Levine</u>        |                                                                                                                                   | Sampled By: <u>Michael Byrnes</u>                                                                       |

| Sample # | Location Description          | Area Wiped          | Surface Wiped             | Comments |
|----------|-------------------------------|---------------------|---------------------------|----------|
| MW-001   | north west corner on Box      | 100 cm <sup>2</sup> | <del>card</del> Cardboard |          |
| MW-002   | North center on Box           | 100 cm <sup>2</sup> | Cardboard                 |          |
| MW-003   | North east on Box             | 100 cm <sup>2</sup> | Cardboard                 |          |
| MW-004   | South corridor West on Box    | 100 cm <sup>2</sup> | Cardboard                 |          |
| MW-005   | South Corridor Center on Wood | 100 cm <sup>2</sup> | Wood                      |          |
| MW-006   | South Corridor East on Loose  | 100 cm <sup>2</sup> | Metals                    |          |
| MW-007   | South East corner on Wood     | 100 cm <sup>2</sup> | Wood                      |          |

|                                        |                      |                      |
|----------------------------------------|----------------------|----------------------|
| Relinquished By: <u>Ross Hernandez</u> | Date: <u>6/16/23</u> | Time: <u>0805</u>    |
| Received By: <u>M. Wally</u>           | Date: <u>6/20/23</u> | Time: <u>10:24am</u> |
| Received By:                           | Date:                | Time: <u>EMD</u>     |
| Analyzed By:                           | Date:                | Time:                |





## LiRo Engineers, Inc. – Wipe/Swab Sample Chain-of-Custody Form

Date:

6/14/2023

Page 2 of 2

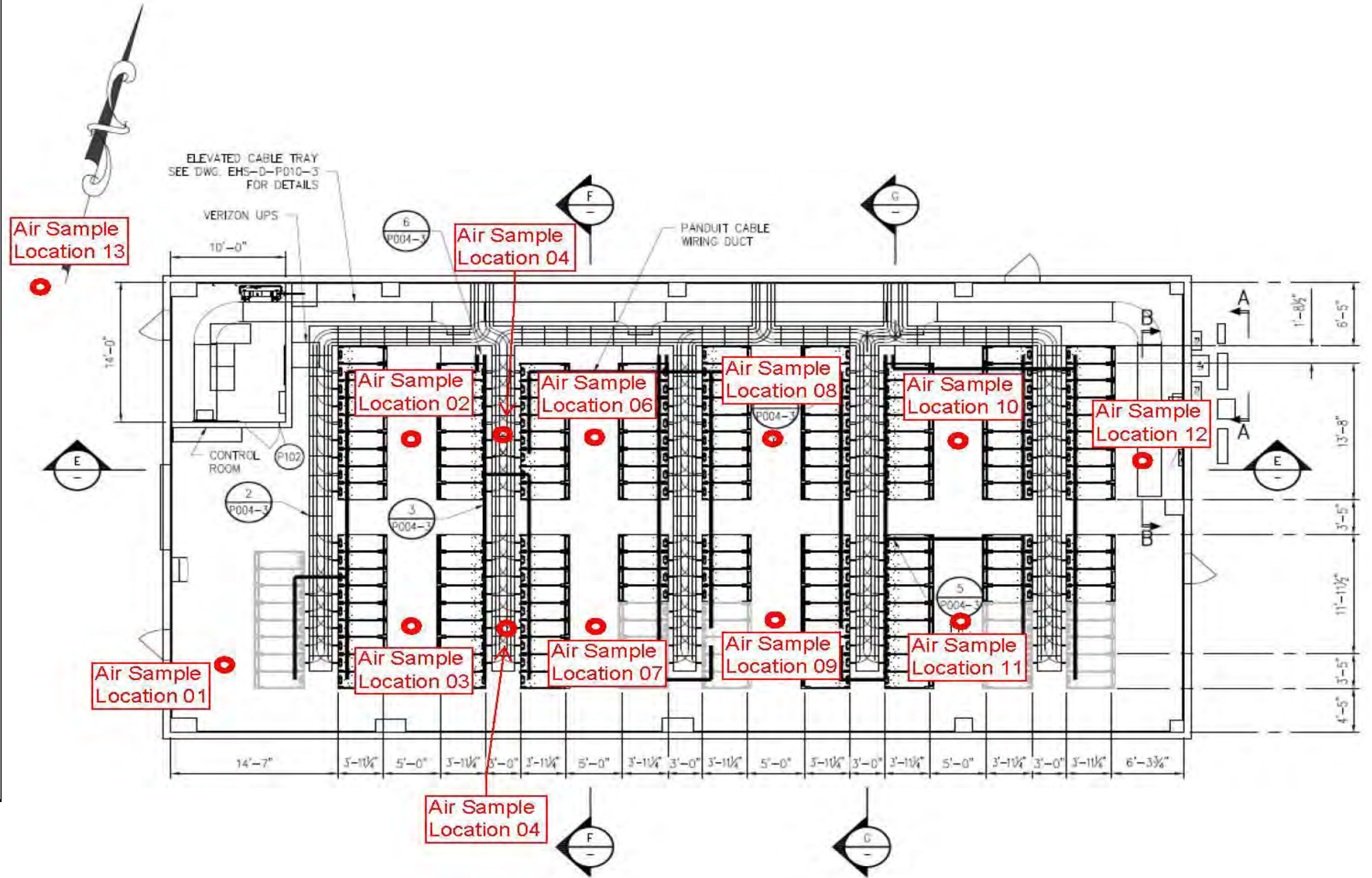
| Project Name: East Hampton BESS |                                                | Results to: Josh Levine                             |               |          |
|---------------------------------|------------------------------------------------|-----------------------------------------------------|---------------|----------|
| Project #: 23-213-2605          | PO #                                           | Analysis Requested: Metals Profile As Per Agreement |               |          |
| Fax #:                          | Email: lerocj@liro.com                         | Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, Zn                  |               |          |
| Number of Samples:              | Turn-Around Time 24 Hr ___ 48 Hr ___ 72 Hr ___ | Other: 1 Week                                       |               |          |
| Authorized By: Josh Levine      |                                                | Sampled By: Michael Byrnes                          |               |          |
| Sample #                        | Location Description                           | Area Wiped                                          | Surface Wiped | Comments |
| MW-008                          | East Corridor on Box                           | 100 cm <sup>2</sup>                                 | Cardboard     |          |
| MW-009                          | North Corridor on <del>Box</del> Louvre        | 100 cm <sup>2</sup>                                 | Metal         |          |
| MW-010                          | North Corridor on Filter Frame                 | 100 cm <sup>2</sup>                                 | Metal         |          |
| MW-011                          | Field Blank                                    |                                                     |               |          |
|                                 |                                                |                                                     |               |          |
|                                 |                                                |                                                     |               |          |
|                                 |                                                |                                                     |               |          |
| Relinquished By: Ross Hernandez |                                                | Date: 6/16/23                                       | Time: 09:05   |          |
| Received By:                    |                                                | Date:                                               | Time:         |          |
| Received By:                    |                                                | Date:                                               | Time:         |          |
| Analyzed By:                    |                                                | Date:                                               | Time:         |          |



## LEGEND

1. **Air Sample Location 1:**  
Sample # 01, 16, 31, 46, 61, 76
2. **Air Sample Location 2:**  
Sample # 02, 17, 32, 47, 62, 77
3. **Air Sample Location 3:**  
Sample # 03, 18, 33, 48, 63, 78
4. **Air Sample Location 4:**  
Sample # 04, 19, 34, 49, 64, 79
5. **Air Sample Location 5:**  
Sample # 05, 20, 35, 50, 65, 80
6. **Air Sample Location 6:**  
Sample #06, 21, 36, 51, 66, 81
7. **Air Sample Location 7:**  
Sample #07, 22, 37, 52, 67, 82
8. **Air Sample Location 8:**  
Sample #08, 23, 38, 53, 68, 83
9. **Air Sample Location 9:**  
Sample #09, 24, 39, 54, 69, 84
10. **Air Sample Location 10:**  
Sample #10, 25, 40, 55, 70, 85
11. **Air Sample Location 11:**  
Sample #11, 26, 41, 56, 71, 86
12. **Air Sample Location 12:**  
Sample #12, 27, 42, 57, 72, 87
13. **Air Sample Location 13:**  
Sample #13, 28, 43, 58, 73, 88

**Field Blank Samples:** Sample # 14, 15, 29, 30, 44, 45, 59, 60, 74, 75, 89, 90

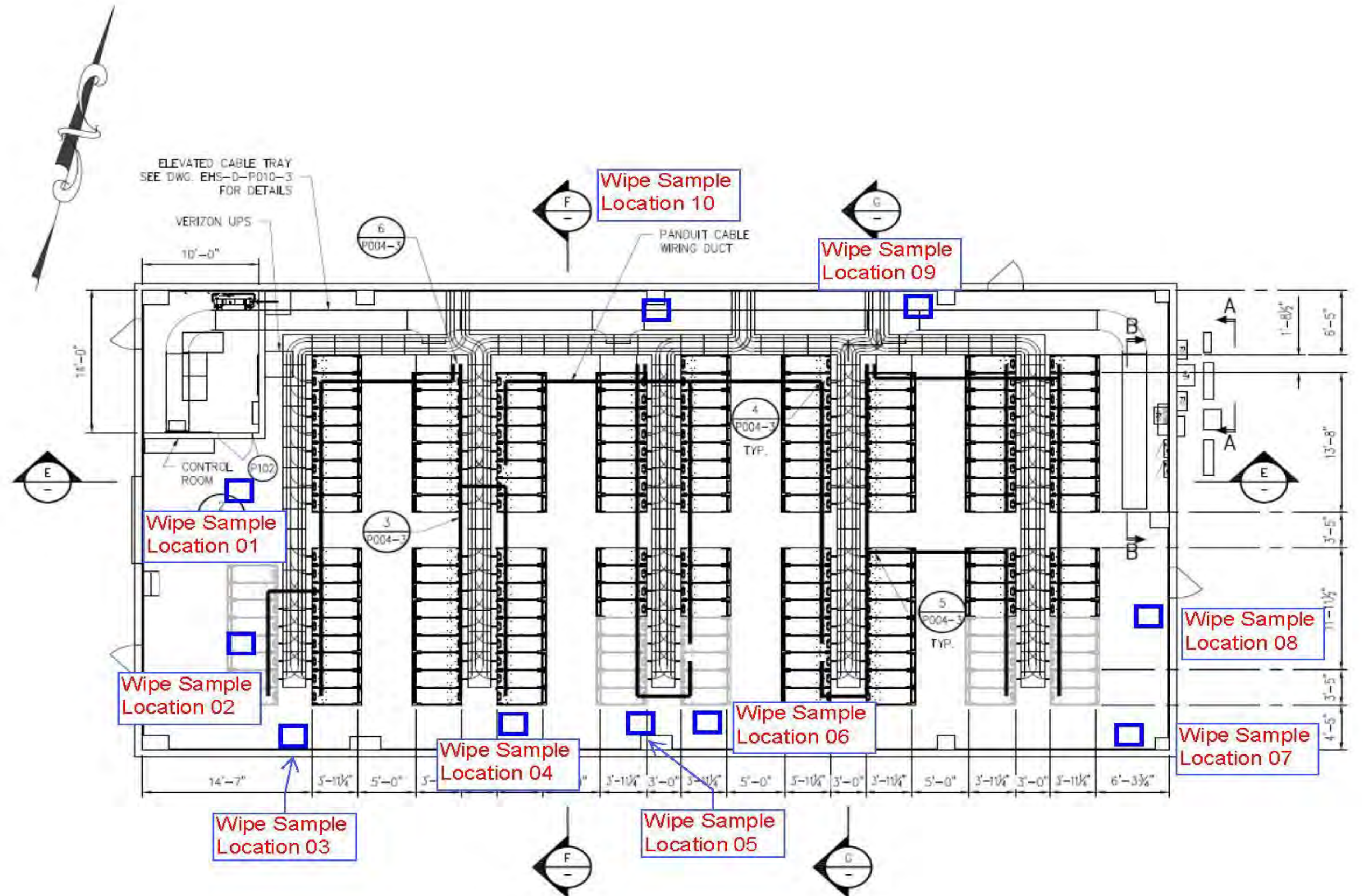




## LEGEND

1. **Wipe Sample Location 1:**  
Sample # MW-001, CB-01, PAH-001  
Acid-001, HF-001, H<sub>2</sub>SO<sub>4</sub>-001
2. **Wipe Sample Location 2:**  
Sample # MW-002, CB-02, PAH-002,  
Acid-002, HF-002, H<sub>2</sub>SO<sub>4</sub>-002
3. **Wipe Sample Location 3:**  
Sample # MW-003, CB-03, PAH-003,  
Acid-003, HF-003, H<sub>2</sub>SO<sub>4</sub>-003
4. **Wipe Sample Location 4:**  
Sample # MW-004, CB-04, PAH-004,  
Acid-004, HF-004, H<sub>2</sub>SO<sub>4</sub>-004
5. **Wipe Sample Location 5:**  
Sample # MW-005, CB-05, PAH-005,  
Acid-005, HF-005, H<sub>2</sub>SO<sub>4</sub>-005
6. **Wipe Sample Location 6:**  
Sample # MW-006, CB-06, PAH-006,  
Acid-006, HF-006, H<sub>2</sub>SO<sub>4</sub>-006
7. **Wipe Sample Location 7:**  
Sample # MW-007, CB-07, PAH-007,  
Acid-007, HF-007, H<sub>2</sub>SO<sub>4</sub>-007
8. **Wipe Sample Location 8:**  
Sample # MW-008, CB-08, PAH-008,  
Acid-008, HF-008, H<sub>2</sub>SO<sub>4</sub>-008
9. **Wipe Sample Location 9:**  
Sample # MW-009, CB-09, PAH-009,  
Acid-009, HF-009, H<sub>2</sub>SO<sub>4</sub>-009
10. **Wipe Sample Location 10:**  
Sample # MW-010, CB-10, PAH-010,  
Acid-010, HF-010, H<sub>2</sub>SO<sub>4</sub>-010

**Field Blank Samples:** Sample # MW-011,  
CB-11, PAH-011, Acid-011, HF-011,  
H<sub>2</sub>SO<sub>4</sub>-011





MILLER ENVIRONMENTAL GROUP INC.

---

PHOTO LOG  
(Initial Site Photos)













**NO TRESPASSING**

These premises  
are restricted to authorized  
personnel only. No unauthorized  
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Violators will be prosecuted.  
State of New York  
Environmental Conservation Law  
§ 241.6(2)(b)

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**PELIGRO  
PROHIBIDO EL PASO**

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personas no autorizadas.  
Prohibido el acceso a personas  
no autorizadas.  
En caso de emergencia, llamar  
911 o 609-222-1234

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BEFORE ENTERING, INVESTIGATE  
ON OCCUPANCY WITH THE  
OPERATION OF THE FACILITY IS IN  
VIOLATION OF THE STATE OF NEW YORK  
ENVIRONMENTAL CONSERVATION LAW  
& PENAL LAW § 241.6(2)(b)

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**EAST HAMPTON  
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CENTER LLC**

3 Cove Hollow Road  
East Hampton, NY 11937

**DANGER**

Lithium-ion  
Batteries, Fire and  
Explosion Risk.  
Do NOT open doors without  
NOC authorization  
961-494-3636

**NOTICE**

**IN CASE OF  
EMERGENCY  
CALL  
961-494-3636**



































**From:** [Schmitz, Caroline R \(DEC\)](#)  
**To:** [Petric, Andrew](#)  
**Subject:** FW: 3 Cove Hollow Road East Hampton, NY - Site Pictures  
**Date:** Thursday, September 21, 2023 2:50:43 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image011.png](#)  
[image012.png](#)  
[image013.png](#)

---

Caution - External Email (caroline.schmitz@dec.ny.gov)

[Report this Email](#)

[Quick response](#)

[Emergency response](#)

[Tips](#)

---

**From:** Schmitz, Caroline R (DEC)  
**Sent:** Thursday, July 20, 2023 2:41 PM  
**To:** Anthony Gilman <agilman@millerenv.com>  
**Cc:** Robert Ferguson <RFerguson@millerenv.com>; Maria Tsortanidis <mtsортanidis@millerenv.com>; Robert Cardinale <rcardinale@millerenv.com>; Nancy Wagner <nwagner@millerenv.com>; Robert Bettles <rbettes@millerenv.com>; Cirrito, Hugh (DEC) <hugh.cirrito@dec.ny.gov>; Fradua, Jon A (DEC) <jon.fradua@dec.ny.gov>  
**Subject:** RE: 3 Cove Hollow Road East Hampton, NY - Site Pictures

Hi Anthony,

DEC approves the workplan you submitted 7/18/2023, however sampling for metals must be revised to include the “entire series” for metals which includes: ALUMINUM, ANTIMONY, ARSENIC, BARIUM, BERYLLIUM, BORON, CADMIUM, CALCIUM, CHROMIUM, COBALT, COPPER, IRON, LEAD, MAGNESIUM, MANGANESE, MERCURY, NICKEL, POTASSIUM, SELENIUM, SILVER, SODIUM, THALLIUM, TIN, VANADIUM, AND ZINC.

Please let me know if you have any questions.

Thanks,

**Caroline Schmitz**

She/Her

Engineer Trainee, Division of Environmental Remediation

**New York State Department of Environmental Conservation**

50 Circle Road, Stony Brook, NY 11790

M: (631) 972-0850 P: (631) 444-0321 | [Caroline.Schmitz@dec.ny.gov](mailto:Caroline.Schmitz@dec.ny.gov)

[www.dec.ny.gov](http://www.dec.ny.gov) |  |  | 



---

**From:** Anthony Gilman <[agilman@millerenv.com](mailto:agilman@millerenv.com)>  
**Sent:** Tuesday, July 18, 2023 2:22 PM  
**To:** Schmitz, Caroline R (DEC) <[Caroline.Schmitz@dec.ny.gov](mailto:Caroline.Schmitz@dec.ny.gov)>  
**Cc:** Robert Ferguson <[RFerguson@millerenv.com](mailto:RFerguson@millerenv.com)>; Maria Tsortanidis <[mtsортanidis@millerenv.com](mailto:mtsортanidis@millerenv.com)>; Robert Cardinale <[rcardinale@millerenv.com](mailto:rcardinale@millerenv.com)>; Nancy Wagner <[nwagner@millerenv.com](mailto:nwagner@millerenv.com)>; Robert Bettes <[rbettes@millerenv.com](mailto:rbettes@millerenv.com)>  
**Subject:** RE: 3 Cove Hollow Road East Hampton, NY - Site Pictures

*ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.*

Good Afternoon Caroline,

Attached is the sampling plan for the battery fire spill that occurred at 3 Cove Hollow Road, East Hampton. Please let me know if you have any questions.

Anthony

---

**From:** Anthony Gilman  
**Sent:** Tuesday, July 11, 2023 8:49 AM  
**To:** Schmitz, Caroline R (DEC) <[Caroline.Schmitz@dec.ny.gov](mailto:Caroline.Schmitz@dec.ny.gov)>  
**Cc:** Robert Ferguson <[rferguson@millerenv.com](mailto:rferguson@millerenv.com)>; Maria Tsortanidis <[MTsortanidis@millerenv.com](mailto:MTsortanidis@millerenv.com)>; Robert Cardinale <[rcardinale@millerenv.com](mailto:rcardinale@millerenv.com)>; Nancy Wagner <[nwagner@millerenv.com](mailto:nwagner@millerenv.com)>; Robert Bettes <[rbettes@millerenv.com](mailto:rbettes@millerenv.com)>  
**Subject:** RE: 3 Cove Hollow Road East Hampton, NY - Site Pictures  
**Importance:** High

Good Morning Caroline,

Attached are the analytical results from the wipe samples taken at 3 Cove Hollow Road East Hampton, NY. Now that we have these results I will finish up/finalize our sampling plan and send it over asap.

Please let me know if you have any questions.

Anthony

---

**From:** Schmitz, Caroline R (DEC) <[Caroline.Schmitz@dec.ny.gov](mailto:Caroline.Schmitz@dec.ny.gov)>  
**Sent:** Wednesday, June 28, 2023 9:43 AM  
**To:** Anthony Gilman <[agilman@millerenv.com](mailto:agilman@millerenv.com)>  
**Cc:** Robert Ferguson <[RFerguson@millerenv.com](mailto:RFerguson@millerenv.com)>; Maria Tsortanidis



<[mtsортanidis@millerenv.com](mailto:mtsортanidis@millerenv.com)>; Robert Cardinale <[rcardinale@millerenv.com](mailto:rcardinale@millerenv.com)>; Nancy Wagner <[nwagner@millerenv.com](mailto:nwagner@millerenv.com)>; Robert Bettes <[rbettes@millerenv.com](mailto:rbettes@millerenv.com)>

**Subject:** RE: 3 Cove Hollow Road East Hampton, NY - Site Pictures

**WARNING:** This e-mail was sent from someone outside of MEG. Please exercise caution when clicking on anything in it or responding. If in doubt, contact MEG IT.

Hi Anthony,

Any update on this spill? Has a workplan been created?  
Let me know.

### Caroline Schmitz

She/Her

Engineer Trainee, Division of Environmental Remediation

#### New York State Department of Environmental Conservation

50 Circle Road, Stony Brook, NY 11790

M: (631) 972-0850 P: (631) 444-0321 | [Caroline.Schmitz@dec.ny.gov](mailto:Caroline.Schmitz@dec.ny.gov)

[www.dec.ny.gov](http://www.dec.ny.gov) |  |  | 



---

**From:** Anthony Gilman <[agilman@millerenv.com](mailto:agilman@millerenv.com)>

**Sent:** Monday, June 5, 2023 8:22 AM

**To:** Schmitz, Caroline R (DEC) <[Caroline.Schmitz@dec.ny.gov](mailto:Caroline.Schmitz@dec.ny.gov)>

**Cc:** Robert Ferguson <[RFerguson@millerenv.com](mailto:RFerguson@millerenv.com)>; Maria Tsортanidis <[mtsортanidis@millerenv.com](mailto:mtsортanidis@millerenv.com)>; Robert Cardinale <[rcardinale@millerenv.com](mailto:rcardinale@millerenv.com)>; Nancy Wagner <[NWagner@millerenv.com](mailto:NWagner@millerenv.com)>; Robert Bettes <[rbettes@millerenv.com](mailto:rbettes@millerenv.com)>

**Subject:** 3 Cove Hollow Road East Hampton, NY - Site Pictures

**Importance:** High

You don't often get email from [agilman@millerenv.com](mailto:agilman@millerenv.com). [Learn why this is important](#)

**ATTENTION:** This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good Morning Caroline,

Last Friday I drove over to 3 Cove Hollow Road East Hampton, to take some pictures of the site. As you already know, there was a battery fire, and due to the type of battery, the sprinkler system needed to be kept on for a long period of time resulting in the discharge of a large amount of water. So much water in fact, that it started to leak out of the building and pool outside and in the near by wooded area. I attached the pictures I took on Friday. Please let me know if you have any questions.

Anthony



**Anthony Gilman**  
**Geologist**

1300 Shames Dr, Westbury, NY 11590

p: 516-876-7940 | c: 518-478-3796

[millerenv.com](http://millerenv.com) | [agilman@millerenv.com](mailto:agilman@millerenv.com)





## **Attachment B – Laboratory Analytical Results**

October 16, 2023

Yvette Prieto  
Pace Analytical Services - Oldsmar, FL  
110 S. Bayview Blvd.  
Oldsmar, FL 34677

Project Location: East Hampton, NY  
Client Job Number:  
Project Number: [none]  
Laboratory Work Order Number: 23J0797

Enclosed are results of analyses for samples as received by the laboratory on October 5, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kaitlyn A. Feliciano  
Project Manager



## Table of Contents

|                                                                      |    |
|----------------------------------------------------------------------|----|
| Sample Summary                                                       | 3  |
| Case Narrative                                                       | 4  |
| Sample Results                                                       | 5  |
| 23J0797-01                                                           | 5  |
| 23J0797-02                                                           | 7  |
| 23J0797-03                                                           | 9  |
| 23J0797-04                                                           | 11 |
| 23J0797-05                                                           | 13 |
| 23J0797-06                                                           | 15 |
| 23J0797-07                                                           | 17 |
| Sample Preparation Information                                       | 19 |
| QC Data                                                              | 20 |
| Metals Analyses (Total)                                              | 20 |
| B355067                                                              | 20 |
| B355086                                                              | 22 |
| Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) | 23 |
| B354728                                                              | 23 |
| Flag/Qualifier Summary                                               | 24 |
| Certifications                                                       | 25 |
| Chain of Custody/Sample Receipt                                      | 27 |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Pace Analytical Services - Oldsmar, FL  
110 S. Bayview Blvd.  
Oldsmar, FL 34677  
ATTN: Yvette Prieto

REPORT DATE: 10/16/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 23J0797

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: East Hampton, NY

| FIELD SAMPLE # | LAB ID:    | MATRIX | SAMPLE DESCRIPTION | TEST                                     | SUB LAB |
|----------------|------------|--------|--------------------|------------------------------------------|---------|
| B-1            | 23J0797-01 | Soil   |                    | SM 2540G<br>SW-846 6010D<br>SW-846 7471B |         |
| B-2            | 23J0797-02 | Soil   |                    | SM 2540G<br>SW-846 6010D<br>SW-846 7471B |         |
| S-1            | 23J0797-03 | Soil   |                    | SM 2540G<br>SW-846 6010D<br>SW-846 7471B |         |
| S-2            | 23J0797-04 | Soil   |                    | SM 2540G<br>SW-846 6010D<br>SW-846 7471B |         |
| S-3            | 23J0797-05 | Soil   |                    | SM 2540G<br>SW-846 6010D<br>SW-846 7471B |         |
| S-4            | 23J0797-06 | Soil   |                    | SM 2540G<br>SW-846 6010D<br>SW-846 7471B |         |
| S-5            | 23J0797-07 | Soil   |                    | SM 2540G<br>SW-846 6010D<br>SW-846 7471B |         |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

## CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

### SW-846 6010D

#### Qualifications:

##### MS-07

Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.

#### Analyte & Samples(s) Qualified:

##### Antimony

23J0797-01[B-1], B355067-MS1

##### Manganese

23J0797-01[B-1], B355067-MS1

##### MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

#### Analyte & Samples(s) Qualified:

##### Aluminum

23J0797-01[B-1], B355067-MS1

##### Calcium

23J0797-01[B-1], B355067-MS1

##### Iron

23J0797-01[B-1], B355067-MS1

##### Magnesium

23J0797-01[B-1], B355067-MS1

##### R-02

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

#### Analyte & Samples(s) Qualified:

##### Calcium

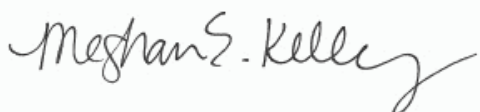
23J0797-01[B-1], B355067-DUP1

##### Magnesium

23J0797-01[B-1], B355067-DUP1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley  
Reporting Specialist

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

Field Sample #: B-1

Sample ID: 23J0797-01

Start Date/Time: 10/4/2023 9:35:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 9:36:00AM

**Metals Analyses (Total)**

| Analyte   | Results | RL    | Units     | Dilution | Flag/Qual   | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|-----------|---------|-------|-----------|----------|-------------|--------------|---------------|--------------------|---------|
| Aluminum  | 6300    | 19    | mg/Kg dry | 1        | MS-19       | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Antimony  | ND      | 1.9   | mg/Kg dry | 1        | MS-07       | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Arsenic   | 6.7     | 3.8   | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Barium    | 20      | 1.9   | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Beryllium | 0.25    | 0.19  | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Boron     | ND      | 3.8   | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Cadmium   | ND      | 0.38  | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Calcium   | 2400    | 19    | mg/Kg dry | 1        | MS-19, R-02 | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Chromium  | 6.9     | 0.76  | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Cobalt    | ND      | 1.9   | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Copper    | 19      | 0.76  | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Iron      | 5800    | 19    | mg/Kg dry | 1        | MS-19       | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Lead      | 11      | 0.57  | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Magnesium | 1200    | 19    | mg/Kg dry | 1        | MS-19, R-02 | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Manganese | 66      | 0.38  | mg/Kg dry | 1        | MS-07       | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Mercury   | ND      | 0.031 | mg/Kg dry | 1        |             | SW-846 7471B | 10/13/23      | 10/16/23 13:43     | AAJ     |
| Nickel    | 3.3     | 0.76  | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Potassium | 360     | 190   | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Selenium  | ND      | 3.8   | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Silver    | 0.62    | 0.38  | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Sodium    | ND      | 190   | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Thallium  | ND      | 1.9   | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Tin       | ND      | 3.8   | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Vanadium  | 10      | 0.76  | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |
| Zinc      | 17      | 0.76  | mg/Kg dry | 1        |             | SW-846 6010D | 10/13/23      | 10/15/23 17:58     | ATP     |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

**Field Sample #: B-1**
**Sample ID: 23J0797-01**

Start Date/Time: 10/4/2023 9:35:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 9:36:00AM

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

| Analyte  | Results | RL | Units | Dilution | Flag/Qual | Method   | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------|----|-------|----------|-----------|----------|------------------|-----------------------|---------|
| % Solids | 83.8    |    | % Wt  | 1        |           | SM 2540G | 10/11/23         | 10/11/23 11:45        | AV      |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

Field Sample #: B-2

Sample ID: 23J0797-02

Start Date/Time: 10/4/2023 9:41:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 9:42:00AM

**Metals Analyses (Total)**

| Analyte   | Results | RL    | Units     | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|-----------|---------|-------|-----------|----------|-----------|--------------|---------------|--------------------|---------|
| Aluminum  | 5500    | 21    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Antimony  | ND      | 2.1   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Arsenic   | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Barium    | 11      | 2.1   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Beryllium | 0.27    | 0.21  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Boron     | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Cadmium   | ND      | 0.43  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Calcium   | 490     | 21    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Chromium  | 4.5     | 0.85  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Cobalt    | ND      | 2.1   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Copper    | 3.8     | 0.85  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Iron      | 4400    | 21    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Lead      | 12      | 0.64  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Magnesium | 430     | 21    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Manganese | 54      | 0.43  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Mercury   | 0.052   | 0.033 | mg/Kg dry | 1        |           | SW-846 7471B | 10/13/23      | 10/16/23 13:45     | AAJ     |
| Nickel    | 2.2     | 0.85  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Potassium | ND      | 210   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Selenium  | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Silver    | 0.55    | 0.43  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Sodium    | ND      | 210   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Thallium  | ND      | 2.1   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Tin       | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Vanadium  | 7.7     | 0.85  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |
| Zinc      | 11      | 0.85  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:03     | ATP     |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

**Field Sample #: B-2**

**Sample ID: 23J0797-02**

Start Date/Time: 10/4/2023 9:41:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 9:42:00AM

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

| Analyte  | Results | RL | Units | Dilution | Flag/Qual | Method   | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------|----|-------|----------|-----------|----------|------------------|-----------------------|---------|
| % Solids | 75.9    |    | % Wt  | 1        |           | SM 2540G | 10/11/23         | 10/11/23 11:45        | AV      |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

Field Sample #: S-1

Sample ID: 23J0797-03

Start Date/Time: 10/4/2023 9:54:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 9:55:00AM

**Metals Analyses (Total)**

| Analyte   | Results | RL    | Units     | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|-----------|---------|-------|-----------|----------|-----------|--------------|---------------|--------------------|---------|
| Aluminum  | 4300    | 22    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Antimony  | ND      | 2.2   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Arsenic   | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Barium    | 8.5     | 2.2   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Beryllium | ND      | 0.22  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Boron     | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Cadmium   | ND      | 0.43  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Calcium   | 310     | 22    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Chromium  | 3.4     | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Cobalt    | ND      | 2.2   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Copper    | 4.1     | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Iron      | 3400    | 22    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Lead      | 5.0     | 0.65  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Magnesium | 320     | 22    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Manganese | 41      | 0.43  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Mercury   | 0.033   | 0.032 | mg/Kg dry | 1        |           | SW-846 7471B | 10/13/23      | 10/16/23 13:48     | AAJ     |
| Nickel    | 1.7     | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Potassium | 220     | 220   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Selenium  | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Silver    | ND      | 0.43  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Sodium    | ND      | 220   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Thallium  | ND      | 2.2   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Tin       | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Vanadium  | 5.8     | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |
| Zinc      | 7.3     | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:08     | ATP     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

**Field Sample #: S-1**

**Sample ID: 23J0797-03**

Start Date/Time: 10/4/2023 9:54:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 9:55:00AM

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

| Analyte  | Results | RL | Units | Dilution | Flag/Qual | Method   | Date Prepared | Date/Time Analyzed | Analyst |
|----------|---------|----|-------|----------|-----------|----------|---------------|--------------------|---------|
| % Solids | 76.5    |    | % Wt  | 1        |           | SM 2540G | 10/11/23      | 10/11/23 11:45     | AV      |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

Field Sample #: S-2

Sample ID: 23J0797-04

Start Date/Time: 10/4/2023 10:04:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 10:05:00AM

**Metals Analyses (Total)**

| Analyte   | Results | RL    | Units     | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|-----------|---------|-------|-----------|----------|-----------|--------------|---------------|--------------------|---------|
| Aluminum  | 3800    | 24    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Antimony  | ND      | 2.4   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Arsenic   | ND      | 4.8   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Barium    | 17      | 2.4   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Beryllium | ND      | 0.24  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Boron     | ND      | 4.8   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Cadmium   | ND      | 0.48  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Calcium   | 5900    | 24    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Chromium  | 5.2     | 0.97  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Cobalt    | ND      | 2.4   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Copper    | 4.8     | 0.97  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Iron      | 3800    | 24    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Lead      | 7.7     | 0.72  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Magnesium | 710     | 24    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Manganese | 44      | 0.48  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Mercury   | 0.040   | 0.037 | mg/Kg dry | 1        |           | SW-846 7471B | 10/13/23      | 10/16/23 13:54     | AAJ     |
| Nickel    | 3.0     | 0.97  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Potassium | 310     | 240   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Selenium  | ND      | 4.8   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Silver    | ND      | 0.48  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Sodium    | ND      | 240   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Thallium  | ND      | 2.4   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Tin       | ND      | 4.8   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Vanadium  | 8.0     | 0.97  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |
| Zinc      | 14      | 0.97  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:13     | ATP     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

Field Sample #: S-2

Sample ID: 23J0797-04

Start Date/Time: 10/4/2023 10:04:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 10:05:00AM

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

| Analyte  | Results | RL | Units | Dilution | Flag/Qual | Method   | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------|----|-------|----------|-----------|----------|------------------|-----------------------|---------|
| % Solids | 65.8    |    | % Wt  | 1        |           | SM 2540G | 10/11/23         | 10/11/23 11:45        | AV      |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

**Field Sample #: S-3**
**Sample ID: 23J0797-05**

Start Date/Time: 10/4/2023 10:11:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 10:12:00AM

**Metals Analyses (Total)**

| Analyte   | Results | RL    | Units     | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|-----------|---------|-------|-----------|----------|-----------|--------------|---------------|--------------------|---------|
| Aluminum  | 5200    | 22    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Antimony  | ND      | 2.2   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Arsenic   | ND      | 4.5   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Barium    | 15      | 2.2   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Beryllium | ND      | 0.22  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Boron     | ND      | 4.5   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Cadmium   | ND      | 0.45  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Calcium   | 1400    | 22    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Chromium  | 6.4     | 0.90  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Cobalt    | ND      | 2.2   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Copper    | 14      | 0.90  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Iron      | 5000    | 22    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Lead      | 7.0     | 0.67  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Magnesium | 890     | 22    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Manganese | 60      | 0.45  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Mercury   | ND      | 0.036 | mg/Kg dry | 1        |           | SW-846 7471B | 10/13/23      | 10/16/23 13:56     | AAJ     |
| Nickel    | 3.4     | 0.90  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Potassium | 300     | 220   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Selenium  | ND      | 4.5   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Silver    | 0.58    | 0.45  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Sodium    | ND      | 220   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Thallium  | ND      | 2.2   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Tin       | ND      | 4.5   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Vanadium  | 9.7     | 0.90  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |
| Zinc      | 18      | 0.90  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:18     | ATP     |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

Field Sample #: S-3

Sample ID: 23J0797-05

Start Date/Time: 10/4/2023 10:11:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 10:12:00AM

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

| Analyte  | Results | RL | Units | Dilution | Flag/Qual | Method   | Date Prepared | Date/Time Analyzed | Analyst |
|----------|---------|----|-------|----------|-----------|----------|---------------|--------------------|---------|
| % Solids | 71.0    |    | % Wt  | 1        |           | SM 2540G | 10/11/23      | 10/11/23 11:45     | AV      |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

Field Sample #: S-4

Sample ID: 23J0797-06

Start Date/Time: 10/4/2023 10:19:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 10:20:00AM

**Metals Analyses (Total)**

| Analyte   | Results | RL    | Units     | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|-----------|---------|-------|-----------|----------|-----------|--------------|---------------|--------------------|---------|
| Aluminum  | 5200    | 24    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Antimony  | ND      | 2.4   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Arsenic   | ND      | 4.8   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Barium    | 18      | 2.4   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Beryllium | ND      | 0.24  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Boron     | ND      | 4.8   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Cadmium   | ND      | 0.48  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Calcium   | 2100    | 24    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Chromium  | 5.7     | 0.95  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Cobalt    | ND      | 2.4   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Copper    | 8.5     | 0.95  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Iron      | 5400    | 24    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Lead      | 12      | 0.71  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Magnesium | 900     | 24    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Manganese | 86      | 0.48  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Mercury   | 0.052   | 0.038 | mg/Kg dry | 1        |           | SW-846 7471B | 10/13/23      | 10/16/23 13:57     | AAJ     |
| Nickel    | 3.4     | 0.95  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Potassium | 440     | 240   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Selenium  | ND      | 4.8   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Silver    | 0.67    | 0.48  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Sodium    | ND      | 240   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Thallium  | ND      | 2.4   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Tin       | ND      | 4.8   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Vanadium  | 11      | 0.95  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |
| Zinc      | 20      | 0.95  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:23     | ATP     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

**Field Sample #: S-4**
**Sample ID: 23J0797-06**

Start Date/Time: 10/4/2023 10:19:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 10:20:00AM

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

| Analyte  | Results | RL | Units | Dilution | Flag/Qual | Method   | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|---------|----|-------|----------|-----------|----------|------------------|-----------------------|---------|
| % Solids | 67.8    |    | % Wt  | 1        |           | SM 2540G | 10/11/23         | 10/11/23 11:45        | AV      |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

Field Sample #: S-5

Sample ID: 23J0797-07

Start Date/Time: 10/4/2023 10:25:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 10:26:00AM

**Metals Analyses (Total)**

| Analyte   | Results | RL    | Units     | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|-----------|---------|-------|-----------|----------|-----------|--------------|---------------|--------------------|---------|
| Aluminum  | 3200    | 21    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Antimony  | ND      | 2.1   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Arsenic   | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Barium    | 9.8     | 2.1   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Beryllium | ND      | 0.21  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Boron     | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Cadmium   | ND      | 0.43  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Calcium   | 560     | 21    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Chromium  | 4.3     | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Cobalt    | ND      | 2.1   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Copper    | 8.5     | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Iron      | 3500    | 21    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Lead      | 6.0     | 0.64  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Magnesium | 500     | 21    | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Manganese | 34      | 0.43  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Mercury   | ND      | 0.034 | mg/Kg dry | 1        |           | SW-846 7471B | 10/13/23      | 10/16/23 13:59     | AAJ     |
| Nickel    | 2.2     | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Potassium | 230     | 210   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Selenium  | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Silver    | 0.44    | 0.43  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Sodium    | ND      | 210   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Thallium  | ND      | 2.1   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Tin       | ND      | 4.3   | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Vanadium  | 6.6     | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |
| Zinc      | 10      | 0.86  | mg/Kg dry | 1        |           | SW-846 6010D | 10/13/23      | 10/15/23 18:27     | ATP     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: East Hampton, NY

Sample Description:

Work Order: 23J0797

Date Received: 10/5/2023

**Field Sample #: S-5**

**Sample ID: 23J0797-07**

Start Date/Time: 10/4/2023 10:25:00AM

Sample Matrix: Soil

Stop Date/Time: 10/4/2023 10:26:00AM

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

| Analyte  | Results | RL | Units | Dilution | Flag/Qual | Method   | Date Prepared | Date/Time Analyzed | Analyst |
|----------|---------|----|-------|----------|-----------|----------|---------------|--------------------|---------|
| % Solids | 74.2    |    | % Wt  | 1        |           | SM 2540G | 10/11/23      | 10/11/23 11:45     | AV      |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

### Sample Extraction Data

**Prep Method:**% Solids      **Analytical Method:**SM 2540G

| Lab Number [Field ID] | Batch   | Date     |
|-----------------------|---------|----------|
| 23J0797-01 [B-1]      | B354728 | 10/11/23 |
| 23J0797-02 [B-2]      | B354728 | 10/11/23 |
| 23J0797-03 [S-1]      | B354728 | 10/11/23 |
| 23J0797-04 [S-2]      | B354728 | 10/11/23 |
| 23J0797-05 [S-3]      | B354728 | 10/11/23 |
| 23J0797-06 [S-4]      | B354728 | 10/11/23 |
| 23J0797-07 [S-5]      | B354728 | 10/11/23 |

**Prep Method:**SW-846 3050B      **Analytical Method:**SW-846 6010D

| Lab Number [Field ID] | Batch   | Initial [g] | Final [mL] | Date     |
|-----------------------|---------|-------------|------------|----------|
| 23J0797-01 [B-1]      | B355067 | 1.58        | 50.0       | 10/13/23 |
| 23J0797-02 [B-2]      | B355067 | 1.54        | 50.0       | 10/13/23 |
| 23J0797-03 [S-1]      | B355067 | 1.51        | 50.0       | 10/13/23 |
| 23J0797-04 [S-2]      | B355067 | 1.57        | 50.0       | 10/13/23 |
| 23J0797-05 [S-3]      | B355067 | 1.57        | 50.0       | 10/13/23 |
| 23J0797-06 [S-4]      | B355067 | 1.55        | 50.0       | 10/13/23 |
| 23J0797-07 [S-5]      | B355067 | 1.57        | 50.0       | 10/13/23 |

**Prep Method:**SW-846 7471      **Analytical Method:**SW-846 7471B

| Lab Number [Field ID] | Batch   | Initial [g] | Final [mL] | Date     |
|-----------------------|---------|-------------|------------|----------|
| 23J0797-01 [B-1]      | B355086 | 0.584       | 50.0       | 10/13/23 |
| 23J0797-02 [B-2]      | B355086 | 0.604       | 50.0       | 10/13/23 |
| 23J0797-03 [S-1]      | B355086 | 0.614       | 50.0       | 10/13/23 |
| 23J0797-04 [S-2]      | B355086 | 0.623       | 50.0       | 10/13/23 |
| 23J0797-05 [S-3]      | B355086 | 0.589       | 50.0       | 10/13/23 |
| 23J0797-06 [S-4]      | B355086 | 0.587       | 50.0       | 10/13/23 |
| 23J0797-07 [S-5]      | B355086 | 0.600       | 50.0       | 10/13/23 |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**
**Metals Analyses (Total) - Quality Control**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch B355067 - SW-846 3050B**
**Blank (B355067-BLK1)**

Prepared: 10/13/23 Analyzed: 10/15/23

|           |    |      |           |  |  |  |  |  |  |  |
|-----------|----|------|-----------|--|--|--|--|--|--|--|
| Aluminum  | ND | 16   | mg/Kg wet |  |  |  |  |  |  |  |
| Antimony  | ND | 1.6  | mg/Kg wet |  |  |  |  |  |  |  |
| Arsenic   | ND | 3.3  | mg/Kg wet |  |  |  |  |  |  |  |
| Barium    | ND | 1.6  | mg/Kg wet |  |  |  |  |  |  |  |
| Beryllium | ND | 0.16 | mg/Kg wet |  |  |  |  |  |  |  |
| Boron     | ND | 3.3  | mg/Kg wet |  |  |  |  |  |  |  |
| Cadmium   | ND | 0.33 | mg/Kg wet |  |  |  |  |  |  |  |
| Calcium   | ND | 16   | mg/Kg wet |  |  |  |  |  |  |  |
| Chromium  | ND | 0.65 | mg/Kg wet |  |  |  |  |  |  |  |
| Cobalt    | ND | 1.6  | mg/Kg wet |  |  |  |  |  |  |  |
| Copper    | ND | 0.65 | mg/Kg wet |  |  |  |  |  |  |  |
| Iron      | ND | 16   | mg/Kg wet |  |  |  |  |  |  |  |
| Lead      | ND | 0.49 | mg/Kg wet |  |  |  |  |  |  |  |
| Magnesium | ND | 16   | mg/Kg wet |  |  |  |  |  |  |  |
| Manganese | ND | 0.33 | mg/Kg wet |  |  |  |  |  |  |  |
| Nickel    | ND | 0.65 | mg/Kg wet |  |  |  |  |  |  |  |
| Potassium | ND | 160  | mg/Kg wet |  |  |  |  |  |  |  |
| Selenium  | ND | 3.3  | mg/Kg wet |  |  |  |  |  |  |  |
| Silver    | ND | 0.33 | mg/Kg wet |  |  |  |  |  |  |  |
| Sodium    | ND | 160  | mg/Kg wet |  |  |  |  |  |  |  |
| Thallium  | ND | 1.6  | mg/Kg wet |  |  |  |  |  |  |  |
| Tin       | ND | 3.3  | mg/Kg wet |  |  |  |  |  |  |  |
| Vanadium  | ND | 0.65 | mg/Kg wet |  |  |  |  |  |  |  |
| Zinc      | ND | 0.65 | mg/Kg wet |  |  |  |  |  |  |  |

**LCS (B355067-BS1)**

Prepared: 10/13/23 Analyzed: 10/15/23

|           |      |      |           |      |      |            |
|-----------|------|------|-----------|------|------|------------|
| Aluminum  | 9480 | 50   | mg/Kg wet | 8630 | 110  | 51.8-148.3 |
| Antimony  | 121  | 5.0  | mg/Kg wet | 144  | 83.9 | 6.3-193.8  |
| Arsenic   | 167  | 10   | mg/Kg wet | 180  | 92.7 | 81.1-119.4 |
| Barium    | 370  | 5.0  | mg/Kg wet | 354  | 104  | 81.6-118.1 |
| Beryllium | 154  | 0.50 | mg/Kg wet | 152  | 101  | 82.9-117.8 |
| Boron     | 221  | 10   | mg/Kg wet | 243  | 91.1 | 69.5-130.9 |
| Cadmium   | 102  | 1.0  | mg/Kg wet | 105  | 97.3 | 82.8-118.1 |
| Calcium   | 5320 | 50   | mg/Kg wet | 5340 | 99.6 | 81.6-118.5 |
| Chromium  | 232  | 2.0  | mg/Kg wet | 232  | 99.8 | 81.5-118.5 |
| Cobalt    | 161  | 5.0  | mg/Kg wet | 166  | 97.2 | 83.1-116.9 |
| Copper    | 124  | 2.0  | mg/Kg wet | 124  | 100  | 83.1-116.9 |
| Iron      | 8510 | 50   | mg/Kg wet | 8090 | 105  | 59-140.9   |
| Lead      | 138  | 1.5  | mg/Kg wet | 145  | 95.1 | 82.1-117.9 |
| Magnesium | 2260 | 50   | mg/Kg wet | 2150 | 105  | 75.8-123.7 |
| Manganese | 393  | 1.0  | mg/Kg wet | 412  | 95.4 | 81.3-118.7 |
| Nickel    | 107  | 2.0  | mg/Kg wet | 108  | 99.4 | 85.2-117.6 |
| Potassium | 1940 | 500  | mg/Kg wet | 1730 | 112  | 71.7-128.9 |
| Selenium  | 90.3 | 10   | mg/Kg wet | 96.3 | 93.8 | 78.8-121.5 |
| Silver    | 51.5 | 1.0  | mg/Kg wet | 47.3 | 109  | 79.5-120.5 |
| Sodium    | 458  | 500  | mg/Kg wet | 462  | 99.2 | 73.4-126.6 |
| Thallium  | 158  | 5.0  | mg/Kg wet | 172  | 91.9 | 80.8-118.6 |
| Tin       | 93.2 | 10   | mg/Kg wet | 94.9 | 98.2 | 77.6-122.2 |
| Vanadium  | 125  | 2.0  | mg/Kg wet | 118  | 106  | 77.9-122   |
| Zinc      | 362  | 2.0  | mg/Kg wet | 369  | 98.0 | 80.2-120.1 |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**
**Metals Analyses (Total) - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B355067 - SW-846 3050B**
**LCS Dup (B355067-BSD1)**

Prepared: 10/13/23 Analyzed: 10/15/23

|           |      |      |           |      |  |      |            |        |    |  |
|-----------|------|------|-----------|------|--|------|------------|--------|----|--|
| Aluminum  | 9380 | 50   | mg/Kg wet | 8630 |  | 109  | 51.8-148.3 | 1.02   | 30 |  |
| Antimony  | 121  | 5.0  | mg/Kg wet | 144  |  | 83.9 | 6.3-193.8  | 0.0617 | 30 |  |
| Arsenic   | 167  | 10   | mg/Kg wet | 180  |  | 92.8 | 81.1-119.4 | 0.174  | 30 |  |
| Barium    | 369  | 5.0  | mg/Kg wet | 354  |  | 104  | 81.6-118.1 | 0.232  | 20 |  |
| Beryllium | 152  | 0.50 | mg/Kg wet | 152  |  | 100  | 82.9-117.8 | 0.847  | 30 |  |
| Boron     | 224  | 10   | mg/Kg wet | 243  |  | 92.0 | 69.5-130.9 | 0.976  | 30 |  |
| Cadmium   | 101  | 1.0  | mg/Kg wet | 105  |  | 95.8 | 82.8-118.1 | 1.56   | 20 |  |
| Calcium   | 5270 | 50   | mg/Kg wet | 5340 |  | 98.8 | 81.6-118.5 | 0.799  | 30 |  |
| Chromium  | 230  | 2.0  | mg/Kg wet | 232  |  | 99.3 | 81.5-118.5 | 0.510  | 30 |  |
| Cobalt    | 161  | 5.0  | mg/Kg wet | 166  |  | 97.1 | 83.1-116.9 | 0.129  | 20 |  |
| Copper    | 124  | 2.0  | mg/Kg wet | 124  |  | 100  | 83.1-116.9 | 0.0337 | 30 |  |
| Iron      | 8210 | 50   | mg/Kg wet | 8090 |  | 101  | 59-140.9   | 3.58   | 30 |  |
| Lead      | 139  | 1.5  | mg/Kg wet | 145  |  | 95.7 | 82.1-117.9 | 0.560  | 30 |  |
| Magnesium | 2240 | 50   | mg/Kg wet | 2150 |  | 104  | 75.8-123.7 | 0.806  | 30 |  |
| Manganese | 388  | 1.0  | mg/Kg wet | 412  |  | 94.2 | 81.3-118.7 | 1.34   | 30 |  |
| Nickel    | 108  | 2.0  | mg/Kg wet | 108  |  | 100  | 85.2-117.6 | 0.954  | 30 |  |
| Potassium | 1920 | 500  | mg/Kg wet | 1730 |  | 111  | 71.7-128.9 | 0.756  | 30 |  |
| Selenium  | 89.9 | 10   | mg/Kg wet | 96.3 |  | 93.3 | 78.8-121.5 | 0.481  | 30 |  |
| Silver    | 51.3 | 1.0  | mg/Kg wet | 47.3 |  | 109  | 79.5-120.5 | 0.355  | 30 |  |
| Sodium    | 460  | 500  | mg/Kg wet | 462  |  | 99.6 | 73.4-126.6 | 0.404  | 30 |  |
| Thallium  | 155  | 5.0  | mg/Kg wet | 172  |  | 90.1 | 80.8-118.6 | 1.99   | 30 |  |
| Tin       | 94.2 | 10   | mg/Kg wet | 94.9 |  | 99.3 | 77.6-122.2 | 1.08   | 30 |  |
| Vanadium  | 123  | 2.0  | mg/Kg wet | 118  |  | 104  | 77.9-122   | 1.90   | 30 |  |
| Zinc      | 360  | 2.0  | mg/Kg wet | 369  |  | 97.7 | 80.2-120.1 | 0.345  | 30 |  |

**Duplicate (B355067-DUP1)**
**Source: 23J0797-01**

Prepared: 10/13/23 Analyzed: 10/15/23

|           |       |      |           |  |       |  |               |    |  |      |
|-----------|-------|------|-----------|--|-------|--|---------------|----|--|------|
| Aluminum  | 5930  | 19   | mg/Kg dry |  | 6340  |  | 6.82          | 35 |  |      |
| Antimony  | ND    | 1.9  | mg/Kg dry |  | ND    |  | NC            | 35 |  |      |
| Arsenic   | 5.29  | 3.8  | mg/Kg dry |  | 6.70  |  | 23.6          | 35 |  |      |
| Barium    | 17.8  | 1.9  | mg/Kg dry |  | 19.6  |  | 9.88          | 35 |  |      |
| Beryllium | 0.235 | 0.19 | mg/Kg dry |  | 0.245 |  | 4.44          | 35 |  |      |
| Boron     | ND    | 3.8  | mg/Kg dry |  | ND    |  | NC            | 35 |  |      |
| Cadmium   | ND    | 0.38 | mg/Kg dry |  | ND    |  | NC            | 35 |  |      |
| Calcium   | 1450  | 19   | mg/Kg dry |  | 2420  |  | <b>50.2</b> * | 35 |  | R-02 |
| Chromium  | 6.39  | 0.76 | mg/Kg dry |  | 6.87  |  | 7.20          | 35 |  |      |
| Cobalt    | ND    | 1.9  | mg/Kg dry |  | ND    |  | NC            | 35 |  |      |
| Copper    | 16.5  | 0.76 | mg/Kg dry |  | 19.1  |  | 14.6          | 35 |  |      |
| Iron      | 5260  | 19   | mg/Kg dry |  | 5790  |  | 9.61          | 35 |  |      |
| Lead      | 9.00  | 0.57 | mg/Kg dry |  | 10.6  |  | 16.7          | 35 |  |      |
| Magnesium | 743   | 19   | mg/Kg dry |  | 1170  |  | <b>44.7</b> * | 35 |  | R-02 |
| Manganese | 61.5  | 0.38 | mg/Kg dry |  | 65.6  |  | 6.34          | 35 |  |      |
| Nickel    | 3.32  | 0.76 | mg/Kg dry |  | 3.33  |  | 0.274         | 35 |  |      |
| Potassium | 334   | 190  | mg/Kg dry |  | 361   |  | 7.79          | 35 |  |      |
| Selenium  | ND    | 3.8  | mg/Kg dry |  | ND    |  | NC            | 35 |  |      |
| Silver    | 0.547 | 0.38 | mg/Kg dry |  | 0.617 |  | 12.1          | 35 |  |      |
| Sodium    | ND    | 190  | mg/Kg dry |  | ND    |  | NC            | 35 |  |      |
| Thallium  | ND    | 1.9  | mg/Kg dry |  | ND    |  | NC            | 35 |  |      |
| Tin       | ND    | 3.8  | mg/Kg dry |  | ND    |  | NC            | 35 |  |      |
| Vanadium  | 9.60  | 0.76 | mg/Kg dry |  | 10.2  |  | 6.38          | 35 |  |      |
| Zinc      | 16.3  | 0.76 | mg/Kg dry |  | 17.4  |  | 6.28          | 35 |  |      |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**
**Metals Analyses (Total) - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B355067 - SW-846 3050B**

| Matrix Spike (B355067-MS1) |      | Source: 23J0797-01 |           | Prepared: 10/13/23 Analyzed: 10/15/23 |       |         |        |  |  |       |
|----------------------------|------|--------------------|-----------|---------------------------------------|-------|---------|--------|--|--|-------|
| Aluminum                   | 5770 | 19                 | mg/Kg dry | 18.9                                  | 6340  | -3060 * | 75-125 |  |  | MS-19 |
| Antimony                   | 8.60 | 1.9                | mg/Kg dry | 18.9                                  | ND    | 45.5 *  | 75-125 |  |  | MS-07 |
| Arsenic                    | 22.8 | 3.8                | mg/Kg dry | 18.9                                  | 6.70  | 85.2    | 75-125 |  |  |       |
| Barium                     | 36.4 | 1.9                | mg/Kg dry | 18.9                                  | 19.6  | 88.8    | 75-125 |  |  |       |
| Beryllium                  | 18.6 | 0.19               | mg/Kg dry | 18.9                                  | 0.245 | 97.3    | 75-125 |  |  |       |
| Boron                      | 33.1 | 3.8                | mg/Kg dry | 37.8                                  | 2.07  | 82.1    | 75-125 |  |  |       |
| Cadmium                    | 18.1 | 0.38               | mg/Kg dry | 18.9                                  | ND    | 96.0    | 75-125 |  |  |       |
| Calcium                    | 1570 | 19                 | mg/Kg dry | 151                                   | 2420  | -565 *  | 75-125 |  |  | MS-19 |
| Chromium                   | 24.7 | 0.76               | mg/Kg dry | 18.9                                  | 6.87  | 94.5    | 75-125 |  |  |       |
| Cobalt                     | 19.3 | 1.9                | mg/Kg dry | 18.9                                  | 1.18  | 95.7    | 75-125 |  |  |       |
| Copper                     | 54.5 | 0.76               | mg/Kg dry | 37.8                                  | 19.1  | 93.6    | 75-125 |  |  |       |
| Iron                       | 5210 | 19                 | mg/Kg dry | 151                                   | 5790  | -388 *  | 75-125 |  |  | MS-19 |
| Lead                       | 27.2 | 0.57               | mg/Kg dry | 18.9                                  | 10.6  | 87.4    | 75-125 |  |  |       |
| Magnesium                  | 873  | 19                 | mg/Kg dry | 151                                   | 1170  | -197 *  | 75-125 |  |  | MS-19 |
| Manganese                  | 77.1 | 0.38               | mg/Kg dry | 18.9                                  | 65.6  | 61.2 *  | 75-125 |  |  | MS-07 |
| Nickel                     | 21.3 | 0.76               | mg/Kg dry | 18.9                                  | 3.33  | 95.2    | 75-125 |  |  |       |
| Potassium                  | 482  | 190                | mg/Kg dry | 151                                   | 361   | 80.1    | 75-125 |  |  |       |
| Selenium                   | 16.8 | 3.8                | mg/Kg dry | 18.9                                  | ND    | 88.7    | 75-125 |  |  |       |
| Silver                     | 19.8 | 0.38               | mg/Kg dry | 18.9                                  | 0.617 | 101     | 75-125 |  |  |       |
| Sodium                     | 165  | 190                | mg/Kg dry | 151                                   | ND    | 109     | 75-125 |  |  |       |
| Thallium                   | 17.1 | 1.9                | mg/Kg dry | 18.9                                  | ND    | 90.3    | 75-125 |  |  |       |
| Tin                        | 16.1 | 3.8                | mg/Kg dry | 18.9                                  | ND    | 85.2    | 75-125 |  |  |       |
| Vanadium                   | 28.7 | 0.76               | mg/Kg dry | 18.9                                  | 10.2  | 97.6    | 75-125 |  |  |       |
| Zinc                       | 52.8 | 0.76               | mg/Kg dry | 37.8                                  | 17.4  | 93.8    | 75-125 |  |  |       |

**Reference (B355067-SRM1) MRL CHECK**

Prepared: 10/13/23 Analyzed: 10/15/23

|      |       |      |           |       |  |      |        |  |  |  |
|------|-------|------|-----------|-------|--|------|--------|--|--|--|
| Lead | 0.473 | 0.50 | mg/Kg wet | 0.495 |  | 95.5 | 80-120 |  |  |  |
|------|-------|------|-----------|-------|--|------|--------|--|--|--|

**Batch B355086 - SW-846 7471**

| Blank (B355086-BLK1)   |      | Prepared: 10/13/23 Analyzed: 10/16/23 |           |      |  |     |          |      |    |  |
|------------------------|------|---------------------------------------|-----------|------|--|-----|----------|------|----|--|
| Mercury                | ND   | 0.026                                 | mg/Kg wet |      |  |     |          |      |    |  |
| LCS (B355086-BS1)      |      | Prepared: 10/13/23 Analyzed: 10/16/23 |           |      |  |     |          |      |    |  |
| Mercury                | 11.3 | 1.9                                   | mg/Kg wet | 10.3 |  | 110 | 55-143.7 |      |    |  |
| LCS Dup (B355086-BSD1) |      | Prepared: 10/13/23 Analyzed: 10/16/23 |           |      |  |     |          |      |    |  |
| Mercury                | 10.6 | 1.8                                   | mg/Kg wet | 10.3 |  | 103 | 55-143.7 | 6.53 | 20 |  |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch B354728 - % Solids**

|                                 |      |                           |      |  |                               |  |  |       |    |  |
|---------------------------------|------|---------------------------|------|--|-------------------------------|--|--|-------|----|--|
| <b>Duplicate (B354728-DUP3)</b> |      | <b>Source: 23J0797-01</b> |      |  | Prepared & Analyzed: 10/11/23 |  |  |       |    |  |
| % Solids                        | 83.1 |                           | % Wt |  | 83.8                          |  |  | 0.837 | 10 |  |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

# FLAG/QUALIFIER SUMMARY

|       |                                                                                                                                                                                                                                                                 |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *     | QC result is outside of established limits.                                                                                                                                                                                                                     |
| †     | Wide recovery limits established for difficult compound.                                                                                                                                                                                                        |
| ‡     | Wide RPD limits established for difficult compound.                                                                                                                                                                                                             |
| #     | Data exceeded client recommended or regulatory level                                                                                                                                                                                                            |
| ND    | Not Detected                                                                                                                                                                                                                                                    |
| RL    | Reporting Limit is at the level of quantitation (LOQ)                                                                                                                                                                                                           |
| DL    | Detection Limit is the lower limit of detection determined by the MDL study                                                                                                                                                                                     |
| MCL   | Maximum Contaminant Level                                                                                                                                                                                                                                       |
|       | Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.                                                                                                          |
|       | No results have been blank subtracted unless specified in the case narrative section.                                                                                                                                                                           |
| MS-07 | Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated. |
| MS-19 | Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.                                                                       |
| R-02  | Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.                                                                                                                                 |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**CERTIFICATIONS**
**Certified Analyses included in this Report**

| Analyte                             | Certifications         |
|-------------------------------------|------------------------|
| <b><i>SW-846 6010D in Soil</i></b>  |                        |
| Aluminum                            | CT,NH,NY,ME,VA,NC      |
| Antimony                            | CT,NH,NY,ME,VA,NC      |
| Arsenic                             | CT,NH,NY,ME,VA,NC      |
| Barium                              | CT,NH,NY,ME,VA,NC      |
| Beryllium                           | CT,NH,NY,ME,VA,NC      |
| Boron                               | CT,NH,NY,ME,VA,NC      |
| Cadmium                             | CT,NH,NY,ME,VA,NC      |
| Calcium                             | CT,NH,NY,ME,VA,NC      |
| Chromium                            | CT,NH,NY,ME,VA,NC      |
| Cobalt                              | CT,NH,NY,ME,VA,NC      |
| Copper                              | CT,NH,NY,ME,VA,NC      |
| Iron                                | CT,NH,NY,ME,VA,NC      |
| Lead                                | CT,NH,NY,AIHA,ME,VA,NC |
| Magnesium                           | CT,NH,NY,ME,VA,NC      |
| Manganese                           | CT,NH,NY,ME,VA,NC      |
| Nickel                              | CT,NH,NY,ME,VA,NC      |
| Potassium                           | CT,NH,NY,ME,VA,NC      |
| Selenium                            | CT,NH,NY,ME,VA,NC      |
| Silver                              | CT,NH,NY,ME,VA,NC      |
| Sodium                              | CT,NH,NY,ME,VA,NC      |
| Thallium                            | CT,NH,NY,ME,VA,NC      |
| Tin                                 | CT,NH,NY,ME,VA,NC      |
| Vanadium                            | CT,NH,NY,ME,VA,NC      |
| Zinc                                | CT,NH,NY,ME,VA,NC      |
| <b><i>SW-846 6010D in Water</i></b> |                        |
| Aluminum                            | CT,NH,NY,ME,VA,NC      |
| Antimony                            | CT,NH,NY,ME,VA,NC      |
| Arsenic                             | CT,NH,NY,ME,VA,RI,NC   |
| Barium                              | CT,NH,NY,ME,VA,NC      |
| Beryllium                           | CT,NH,NY,ME,VA,NC      |
| Cadmium                             | CT,NH,NY,ME,VA,NC      |
| Calcium                             | CT,NH,NY,ME,VA,NC      |
| Chromium                            | CT,NH,NY,ME,VA,NC      |
| Cobalt                              | CT,NH,NY,ME,VA,NC      |
| Copper                              | CT,NH,NY,ME,VA,NC      |
| Iron                                | CT,NH,NY,ME,VA,NC      |
| Lead                                | CT,NH,NY,ME,VA,NC      |
| Magnesium                           | CT,NH,NY,ME,VA,NC      |
| Manganese                           | CT,NH,NY,ME,VA,NC      |
| Nickel                              | CT,NH,NY,ME,VA,NC      |
| Potassium                           | CT,NH,NY,ME,VA,NC      |
| Selenium                            | CT,NH,NY,ME,VA,NC      |
| Silver                              | CT,NH,NY,ME,VA,NC      |
| Sodium                              | CT,NH,NY,ME,VA,NC      |
| Thallium                            | CT,NH,NY,VA,NC         |
| Tin                                 | CT,NH,NY,ME,VA,NC      |



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**CERTIFICATIONS**
**Certified Analyses included in this Report**

| Analyte                             | Certifications    |
|-------------------------------------|-------------------|
| <b><i>SW-846 6010D in Water</i></b> |                   |
| Vanadium                            | CT,NH,NY,ME,VA,NC |
| Zinc                                | CT,NH,NY,ME,VA,NC |
| Boron                               | CT,NH,NY,ME,VA,NC |

***SW-846 7471B in Soil***

|         |                   |
|---------|-------------------|
| Mercury | CT,NH,NY,NC,ME,VA |
|---------|-------------------|

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

| Code | Description                             | Number      | Expires    |
|------|-----------------------------------------|-------------|------------|
| AIHA | AIHA-LAP, LLC - ISO 17025:2017          | 100033      | 03/1/2024  |
| CT   | Connecticut Department of Public Health | PH-0821     | 12/31/2024 |
| NY   | New York State Department of Health     | 10899 NELAP | 04/1/2024  |
| NH   | New Hampshire Environmental Lab         | 2516 NELAP  | 02/5/2024  |
| RI   | Rhode Island Department of Health       | LAO00373    | 12/30/2023 |
| NC   | North Carolina Div. of Water Quality    | 652         | 12/31/2023 |
| ME   | State of Maine                          | MA00100     | 06/9/2025  |
| VA   | Commonwealth of Virginia                | 460217      | 12/14/2023 |



|                                                                                   |                                                             |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------|
|  | DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist |
|                                                                                   | Effective Date: 07/13/2023                                  |

## Log In Back-Sheet

Client NXT Energy  
 Project East Hampton BSES  
 MCP/RCP Required NA  
 Deliverable Package Requirement NA  
 Location East Hampton, NY  
 PWSID# (When Applicable) NA  
 Arrival Method:  
 Courier ☐ Fed Ex ☐ Walk In ☐ Other ☐  
 Received By / Date / Time AM 10/5/23 945  
 Back-Sheet By / Date / Time LA 10/5/23 1338  
 Temperature Method gun #5  
 Temp 6.5°C Actual Temperature 2.1  
 Rush Samples: Yes / No Notify  
 Short Hold: Yes / No Notify

### Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing  
 – Using Acceptance Policy) Any False statement will be  
 brought to the attention of the Client – True or False

|                                                                                                                                              | True                                | False                               |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|
| Received on Ice                                                                                                                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Received in Cooler                                                                                                                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Custody Seal: DATE TIME                                                                                                                      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| COC Relinquished                                                                                                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| COC/Samples Labels Agree                                                                                                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| All Samples in Good Condition                                                                                                                | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Samples Received within Holding Time                                                                                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Is there enough Volume                                                                                                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Proper Media/Container Used                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Splitting Samples Required                                                                                                                   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| MS/MSD                                                                                                                                       | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Trip Blanks                                                                                                                                  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Lab to Filters                                                                                                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| COC Legible                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| COC Included: (Check all included)                                                                                                           |                                     |                                     |
| Client <input checked="" type="checkbox"/> Analysis <input checked="" type="checkbox"/> Sampler Name <input checked="" type="checkbox"/>     |                                     |                                     |
| Project <input checked="" type="checkbox"/> IDs <input checked="" type="checkbox"/> Collection Date/Time <input checked="" type="checkbox"/> |                                     |                                     |
| All Samples Proper pH: <u>N/A</u>                                                                                                            | <input type="checkbox"/>            | <input type="checkbox"/>            |

### Additional Container Notes

Note: West Virginia requires all samples to have their  
 temperature taken. Note any outliers.



**Effective Date: 07/13/2023**

[illegible]

## Summary of National Grid Analytical Data (York Analytical Labs/ Long Island Analytical Labs)

| Metal     | Unit      | SCO<br>(Unrestricted) | SCO<br>(Residential) | SCO<br>(Commercial) | EPA RSL<br>(Residential) | EPA RSL<br>(Residential) | Sample<br>B1 | Sample<br>B2 | Sample<br>S1 | Sample<br>S2 | Sample<br>S3 | Sample<br>S4 | Sample<br>S5 |
|-----------|-----------|-----------------------|----------------------|---------------------|--------------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aluminum  | mg/kg dry | N/A                   | N/A                  | N/A                 | 7700                     | 100000                   | 5670         | 5420         | 5340         | 4590         | 6390         | 4980         | 4590         |
| Antimony  | mg/kg dry | N/A                   | N/A                  | N/A                 | 31                       | 31                       | ND           | ND           | ND           | ND           | ND           | ND           | ND           |
| Arsenic   | mg/kg dry | 13                    | 16                   | 16                  | N/A                      | N/A                      | 4.13         | 2.36         | 2.55         | 4.56         | 5.79         | 3.88         | 5.17         |
| Barium    | mg/kg dry | 350                   | 350                  | 400                 | N/A                      | N/A                      | 17.3         | 11.1         | 10.4         | 21.3         | 16.9         | 15.7         | 13.6         |
| Beryllium | mg/kg dry | 7.2                   | 14                   | 590                 | N/A                      | N/A                      | ND           | ND           | ND           | ND           | ND           | ND           | ND           |
| Boron     | mg/kg dry | N/A                   | N/A                  | N/A                 | 16000                    | 230000                   | 1.81         | 0.689        | 0.767        | 1.38         | 0.972        | 1.28         | 0.866        |
| Cadmium   | mg/kg dry | 2.5                   | 2.5                  | 9.3                 | N/A                      | N/A                      | ND           | ND           | ND           | ND           | ND           | ND           | ND           |
| Calcium   | mg/kg dry | N/A                   | N/A                  | N/A                 | N/A                      | N/A                      | 1200         | 340          | 411          | 7940         | 1310         | 1510         | 663          |
| Chromium  | mg/kg dry | 1                     | 22                   | 400                 | N/A                      | N/A                      | 5.68         | 4.35         | 4.01         | 10.7         | 7.24         | 5.18         | 6.80         |
| Cobalt    | mg/kg dry | N/A                   | 30                   | N/A                 | N/A                      | N/A                      | 1.62         | 1.04         | 0.906        | 1.73         | 2.46         | 1.53         | 1.95         |
| Copper    | mg/kg dry | 50                    | 270                  | 270                 | N/A                      | N/A                      | 14.1         | 2.88         | 4.86         | 6.85         | 13.3         | 5.67         | 12.1         |
| Iron      | mg/kg dry | N/A                   | 2000                 | N/A                 | N/A                      | N/A                      | 4860         | 4100         | 3980         | 5080         | 5830         | 4640         | 5260         |
| Lead      | mg/kg dry | 63                    | 400                  | 1000                | N/A                      | N/A                      | 11.0         | 11.7         | 6.83         | 11.5         | 9.26         | 14.3         | 10.3         |
| Lithium   | mg/kg     | N/A                   | N/A                  | N/A                 | N/A                      | N/A                      | ND           | ND           | ND           | ND           | ND           | ND           | ND           |
| Magnesium | mg/kg dry | N/A                   | N/A                  | N/A                 | N/A                      | N/A                      | 651          | 366          | 374          | 1220         | 946          | 697          | 826          |
| Manganese | mg/kg dry | 1600                  | 2000                 | 10000               | N/A                      | N/A                      | 61.6         | 54.3         | 46.7         | 66.4         | 62.9         | 71.4         | 51.0         |
| Mercury   | mg/kg dry | 0.18                  | 0.81                 | 2.8                 | N/A                      | N/A                      | 0.0397       | 0.0392       | 0.0332       | 0.0414       | ND           | 0.0577       | ND           |
| Nickel    | mg/kg dry | 30                    | 140                  | 310                 | N/A                      | N/A                      | 3.70         | 3.17         | 2.67         | 4.97         | 5.04         | 3.51         | 5.07         |
| Potassium | mg/kg dry | N/A                   | N/A                  | N/A                 | N/A                      | N/A                      | 295          | 172          | 241          | 348          | 364          | 328          | 285          |
| Selenium  | mg/kg dry | 3.9                   | 36                   | 1500                | N/A                      | N/A                      | ND           | ND           | ND           | ND           | ND           | ND           | ND           |
| Silver    | mg/kg dry | 2                     | 36                   | 1500                | N/A                      | N/A                      | ND           | ND           | ND           | ND           | ND           | ND           | ND           |
| Sodium    | mg/kg dry | N/A                   | N/A                  | N/A                 | N/A                      | N/A                      | ND           | ND           | ND           | ND           | ND           | 49.3         | ND           |
| Thallium  | mg/kg dry | N/A                   | N/A                  | N/A                 | 0.78                     | 120                      | ND           | ND           | ND           | ND           | ND           | ND           | ND           |
| Tin       | mg/kg dry | N/A                   | N/A                  | N/A                 | 47000                    | 700000                   | 1.44         | 0.392        | 0.239        | 0.516        | 0.369        | 0.363        | 0.372        |
| Vanadium  | mg/kg dry | N/A                   | 100                  | N/A                 | N/A                      | N/A                      | 8.72         | 7.23         | 6.73         | 9.24         | 11.1         | 8.60         | 9.06         |
| Zinc      | mg/kg dry | 109                   | 2200                 | 10000               | N/A                      | N/A                      | 14.7         | 9.84         | 8.07         | 17.9         | 15.7         | 14.9         | 13.3         |



# Technical Report

prepared for:

**National Grid**  
175 E. Old Country Road  
Hicksville NY, 11801  
**Attention: Joseph Barbera**

Report Date: 10/20/2023  
**Client Project ID: EHAMPIC\_SOIL\_7584**  
York Project (SDG) No.: 23J0613

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

STRATFORD, CT 06615  
(203) 325-1371



132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)



Report Date: 10/20/2023  
Client Project ID: EHAMPIC\_SOIL\_7584  
York Project (SDG) No.: 23J0613

**National Grid**  
175 E. Old Country Road  
Hicksville NY, 11801  
Attention: Joseph Barbera

---

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 06, 2023 and listed below. The project was identified as your project: **EHAMPIC\_SOIL\_7584**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 23J0613-01            | 70641 B1                | Soil          | 10/04/2023            | 10/06/2023           |
| 23J0613-02            | 70642 B2                | Soil          | 10/04/2023            | 10/06/2023           |
| 23J0613-03            | 70643 S1                | Soil          | 10/04/2023            | 10/06/2023           |
| 23J0613-04            | 70644 S2                | Soil          | 10/04/2023            | 10/06/2023           |
| 23J0613-05            | 70645 S3                | Soil          | 10/04/2023            | 10/06/2023           |
| 23J0613-06            | 70646 S4                | Soil          | 10/04/2023            | 10/06/2023           |
| 23J0613-07            | 70647 S5                | Soil          | 10/04/2023            | 10/06/2023           |

### **General Notes for York Project (SDG) No.: 23J0613**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:** 

Cassie L. Mosher  
Laboratory Manager

**Date:** 10/20/2023





## Sample Information

**Client Sample ID:** 70641 B1

**York Sample ID:** 23J0613-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23J0613

EHAMPIC\_SOIL\_7584

Soil

October 4, 2023 9:35 am

10/06/2023

**Analyzed by:** Long Island Analytical Laboratories, Inc.

### Lithium by EPA 6010

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|------------------------------|-----------------------|-----------------------|---------|
| 7439-93-2 | Lithium   | ND     |      | mg/kg | 17.6               | 1        | EPA 6010D<br>Certifications: | 10/19/2023 00:00      | 10/19/2023 00:00      |         |

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag       | Units     | Reported to<br>LOQ | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------------|-----------|--------------------|----------|------------------------------|-----------------------|-----------------------|---------|
| 7429-90-5 | Aluminum  | 5670   |            | mg/kg dry | 4.90               | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-36-0 | Antimony  | ND     | M-CCV<br>1 | mg/kg dry | 2.45               | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-38-2 | Arsenic   | 4.13   |            | mg/kg dry | 1.47               | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-39-3 | Barium    | 17.3   |            | mg/kg dry | 2.45               | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-41-7 | Beryllium | ND     |            | mg/kg dry | 0.049              | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-43-9 | Cadmium   | ND     |            | mg/kg dry | 0.294              | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-70-2 | Calcium   | 1200   |            | mg/kg dry | 4.90               | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-47-3 | Chromium  | 5.68   |            | mg/kg dry | 0.491              | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-48-4 | Cobalt    | 1.62   |            | mg/kg dry | 0.392              | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-50-8 | Copper    | 14.1   |            | mg/kg dry | 1.96               | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7439-89-6 | Iron      | 4860   |            | mg/kg dry | 24.5               | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7439-92-1 | Lead      | 11.0   |            | mg/kg dry | 0.491              | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7439-95-4 | Magnesium | 651    |            | mg/kg dry | 4.91               | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7439-96-5 | Manganese | 61.6   |            | mg/kg dry | 0.491              | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |
| 7440-02-0 | Nickel    | 3.70   |            | mg/kg dry | 0.977              | 1        | EPA 6010D<br>Certifications: | 10/13/2023 19:33      | 10/18/2023 15:39      | CEG     |





## Sample Information

**Client Sample ID:** 70641 B1

**York Sample ID:** 23J0613-01

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 9:35 am

Date Received

10/06/2023

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method                                                                 | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|----------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 7440-09-7 | Potassium | 295    |      | mg/kg dry | 4.91            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:39   | CEG     |
| 7782-49-2 | Selenium  | ND     |      | mg/kg dry | 2.45            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:39   | CEG     |
| 7440-22-4 | Silver    | ND     |      | mg/kg dry | 0.494           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:39   | CEG     |
| 7440-23-5 | Sodium    | ND     |      | mg/kg dry | 49.0            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:39   | CEG     |
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 2.45            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:39   | CEG     |
| 7440-62-2 | Vanadium  | 8.72   |      | mg/kg dry | 0.977           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:39   | CEG     |
| 7440-66-6 | Zinc      | 14.7   |      | mg/kg dry | 2.44            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:39   | CEG     |

### Boron by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method                           | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|--------------------------------------------|--------------------|--------------------|---------|
| 7440-42-8 | * Boron   | 1.81   | B    | mg/kg dry | 0.098           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723 | 10/13/2023 19:38   | 10/17/2023 11:55   | cw      |

### Tin by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method                                                                 | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|----------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 7440-31-5 | Tin       | 1.44   |      | mg/kg dry | 0.100           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:38   | 10/17/2023 11:55   | cw      |

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method                                                                | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|---------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 7439-97-6 | Mercury   | 0.0397 |      | mg/kg dry | 0.0353          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04 | 10/18/2023 15:48   | 10/18/2023 22:03   | AGNR    |

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
|---------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|



## Sample Information

**Client Sample ID:** 70641 B1

**York Sample ID:** 23J0613-01

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 9:35 am

Date Received

10/06/2023

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------|------------|--------|------|-------|--------------------|----------|-------------------------------------------|-----------------------|-----------------------|---------|
| solids  | * % Solids | 85.0   |      | %     | 0.100              | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 10/12/2023 07:47      | 10/12/2023 15:56      | sgs     |

## Sample Information

**Client Sample ID:** 70642 B2

**York Sample ID:** 23J0613-02

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 9:41 am

Date Received

10/06/2023

**Analyzed by:** Long Island Analytical Laboratories, Inc.

### Lithium by EPA 6010

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method             | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-------|--------------------|----------|------------------------------|-----------------------|-----------------------|---------|
| 7439-93-2 | Lithium   | ND     |      | mg/kg | 16.2               | 1        | EPA 6010D<br>Certifications: | 10/19/2023 00:00      | 10/19/2023 00:00      |         |

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag       | Units     | Reported to<br>LOQ | Dilution | Reference Method                                                                  | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------------|-----------|--------------------|----------|-----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7429-90-5 | Aluminum  | 5420   |            | mg/kg dry | 4.57               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-36-0 | Antimony  | ND     | M-CCV<br>1 | mg/kg dry | 2.28               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-38-2 | Arsenic   | 2.36   |            | mg/kg dry | 1.37               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-39-3 | Barium    | 11.1   |            | mg/kg dry | 2.28               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-41-7 | Beryllium | ND     |            | mg/kg dry | 0.046              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-43-9 | Cadmium   | ND     |            | mg/kg dry | 0.274              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-70-2 | Calcium   | 340    |            | mg/kg dry | 4.57               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-47-3 | Chromium  | 4.35   |            | mg/kg dry | 0.457              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04  | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |



## Sample Information

**Client Sample ID:** 70642 B2

**York Sample ID:** 23J0613-02

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 9:41 am

Date Received

10/06/2023

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-48-4 | Cobalt    | 1.04   |      | mg/kg dry | 0.365              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-50-8 | Copper    | 2.88   |      | mg/kg dry | 1.83               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7439-89-6 | Iron      | 4100   |      | mg/kg dry | 22.8               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7439-92-1 | Lead      | 11.7   |      | mg/kg dry | 0.457              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7439-95-4 | Magnesium | 366    |      | mg/kg dry | 4.57               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7439-96-5 | Manganese | 54.3   |      | mg/kg dry | 0.457              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-02-0 | Nickel    | 3.17   |      | mg/kg dry | 0.910              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-09-7 | Potassium | 172    |      | mg/kg dry | 4.57               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7782-49-2 | Selenium  | ND     |      | mg/kg dry | 2.28               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-22-4 | Silver    | ND     |      | mg/kg dry | 0.460              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-23-5 | Sodium    | ND     |      | mg/kg dry | 45.7               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 2.28               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-62-2 | Vanadium  | 7.23   |      | mg/kg dry | 0.910              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |
| 7440-66-6 | Zinc      | 9.84   |      | mg/kg dry | 2.27               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:42      | CEG     |

### Boron by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                           | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|--------------------------------------------|-----------------------|-----------------------|---------|
| 7440-42-8 | * Boron   | 0.689  | B    | mg/kg dry | 0.091              | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723 | 10/13/2023 19:38      | 10/17/2023 12:05      | cw      |

### Tin by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-31-5 | Tin       | 0.392  |      | mg/kg dry | 0.100              | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:38      | 10/17/2023 12:05      | cw      |





## Sample Information

**Client Sample ID:** 70642 B2

**York Sample ID:** 23J0613-02

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 9:41 am

Date Received

10/06/2023

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                  | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|-----------------------------------------------------|--------------------|---------|
| 7439-97-6 | Mercury   | 0.0392 |      | mg/kg dry | 0.0329          | 1        | EPA 7473         | 10/18/2023 15:48                                    | 10/18/2023 22:03   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04 |                    |         |

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| solids  | * % Solids | 91.2   |      | %     | 0.100           | 1        | SM 2540G         | 10/12/2023 07:47   | 10/12/2023 15:56   | sgs     |
|         |            |        |      |       |                 |          | Certifications:  | CTDOH-PH-0723      |                    |         |

## Sample Information

**Client Sample ID:** 70643 S1

**York Sample ID:** 23J0613-03

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 9:54 am

Date Received

10/06/2023

**Analyzed by:** Long Island Analytical Laboratories, Inc.

### Lithium by EPA 6010

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 7439-93-2 | Lithium   | ND     |      | mg/kg | 17.5            | 1        | EPA 6010D        | 10/19/2023 00:00   | 10/19/2023 00:00   |         |
|           |           |        |      |       |                 |          | Certifications:  |                    |                    |         |

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag    | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                  | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------|-----------|-----------------|----------|------------------|-----------------------------------------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 5340   |         | mg/kg dry | 4.56            | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 15:45   | CEG     |
|           |           |        |         |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-36-0 | Antimony  | ND     | M-CCV 1 | mg/kg dry | 2.28            | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 15:45   | CEG     |
|           |           |        |         |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-38-2 | Arsenic   | 2.55   |         | mg/kg dry | 1.37            | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 15:45   | CEG     |
|           |           |        |         |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-39-3 | Barium    | 10.4   |         | mg/kg dry | 2.28            | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 15:45   | CEG     |
|           |           |        |         |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |



## Sample Information

**Client Sample ID:** 70643 S1

**York Sample ID:** 23J0613-03

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 9:54 am

Date Received

10/06/2023

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                                                                  | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|-----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-41-7 | Beryllium | ND     |      | mg/kg dry | 0.046              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-43-9 | Cadmium   | ND     |      | mg/kg dry | 0.274              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-70-2 | Calcium   | 411    |      | mg/kg dry | 4.56               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-47-3 | Chromium  | 4.01   |      | mg/kg dry | 0.456              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-48-4 | Cobalt    | 0.906  |      | mg/kg dry | 0.364              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-50-8 | Copper    | 4.86   |      | mg/kg dry | 1.82               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7439-89-6 | Iron      | 3980   |      | mg/kg dry | 22.8               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7439-92-1 | Lead      | 6.83   |      | mg/kg dry | 0.456              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7439-95-4 | Magnesium | 374    |      | mg/kg dry | 4.56               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7439-96-5 | Manganese | 46.7   |      | mg/kg dry | 0.456              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-02-0 | Nickel    | 2.67   |      | mg/kg dry | 0.908              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-09-7 | Potassium | 241    |      | mg/kg dry | 4.56               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7782-49-2 | Selenium  | ND     |      | mg/kg dry | 2.28               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-22-4 | Silver    | ND     |      | mg/kg dry | 0.460              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-23-5 | Sodium    | ND     |      | mg/kg dry | 45.6               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 2.28               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-62-2 | Vanadium  | 6.73   |      | mg/kg dry | 0.908              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |
| 7440-66-6 | Zinc      | 8.07   |      | mg/kg dry | 2.27               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 15:45      | CEG     |

### Boron by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.            | Parameter           | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method   | Date/Time<br>Prepared   | Date/Time<br>Analyzed | Analyst |
|--------------------|---------------------|--------|------|-------|--------------------|----------|--------------------|-------------------------|-----------------------|---------|
| 120 RESEARCH DRIVE | STRATFORD, CT 06615 |        |      |       |                    |          | 132-02 89th AVENUE | RICHMOND HILL, NY 11418 |                       |         |
| www.YORKLAB.com    | (203) 325-1371      |        |      |       |                    |          | FAX (203) 357-0166 | ClientServices@         |                       |         |



## Sample Information

**Client Sample ID:** 70643 S1

**York Sample ID:** 23J0613-03

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 9:54 am

Date Received

10/06/2023

### Boron by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 7440-42-8 | * Boron   | 0.767  | B    | mg/kg dry | 0.091           | 1        | EPA 6020B        | 10/13/2023 19:38   | 10/17/2023 12:09   | cw      |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723      |                    |         |

### Tin by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                   | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|------------------------------------------------------|--------------------|---------|
| 7440-31-5 | Tin       | 0.239  |      | mg/kg dry | 0.100           | 1        | EPA 6020B        | 10/13/2023 19:38                                     | 10/17/2023 12:09   | cw      |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04 |                    |         |

### Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                   | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|------------------------------------------------------|--------------------|---------|
| 7439-97-6 | Mercury   | 0.0332 |      | mg/kg dry | 0.0328          | 1        | EPA 7473         | 10/18/2023 15:48                                     | 10/18/2023 22:03   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NJDEP-CT005,NELAC-NY 10854,PADEP-68-04 |                    |         |

### Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| solids  | * % Solids | 91.4   |      | %     | 0.100           | 1        | SM 2540G         | 10/12/2023 07:47   | 10/12/2023 15:56   | sgs     |
|         |            |        |      |       |                 |          | Certifications:  | CTDOH-PH-0723      |                    |         |

## Sample Information

**Client Sample ID:** 70644 S2

**York Sample ID:** 23J0613-04

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 10:04 am

Date Received

10/06/2023

**Analyzed by:** Long Island Analytical Laboratories, Inc.

### Lithium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 7439-93-2 | Lithium   | ND     |      | mg/kg | 17.3            | 1        | EPA 6010D        | 10/19/2023 00:00   | 10/19/2023 00:00   |         |
|           |           |        |      |       |                 |          | Certifications:  |                    |                    |         |





## Sample Information

**Client Sample ID:** 70644 S2

**York Sample ID:** 23J0613-04

**York Project (SDG) No.**

23J0613

**Client Project ID**

EHAMPIC\_SOIL\_7584

**Matrix**

Soil

**Collection Date/Time**

October 4, 2023 10:04 am

**Date Received**

10/06/2023

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag    | Units     | Reported to LOQ | Dilution | Reference Method                                                                 | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------|-----------|-----------------|----------|----------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 4590   |         | mg/kg dry | 4.93            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-36-0 | Antimony  | ND     | M-CCV 1 | mg/kg dry | 2.47            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-38-2 | Arsenic   | 4.56   |         | mg/kg dry | 1.48            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-39-3 | Barium    | 21.3   |         | mg/kg dry | 2.46            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-41-7 | Beryllium | ND     |         | mg/kg dry | 0.050           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-43-9 | Cadmium   | ND     |         | mg/kg dry | 0.296           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-70-2 | Calcium   | 7940   |         | mg/kg dry | 4.93            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-47-3 | Chromium  | 10.7   |         | mg/kg dry | 0.494           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-48-4 | Cobalt    | 1.73   |         | mg/kg dry | 0.394           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-50-8 | Copper    | 6.85   |         | mg/kg dry | 1.97            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7439-89-6 | Iron      | 5080   |         | mg/kg dry | 24.7            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7439-92-1 | Lead      | 11.5   |         | mg/kg dry | 0.494           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7439-95-4 | Magnesium | 1220   |         | mg/kg dry | 4.94            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7439-96-5 | Manganese | 66.4   |         | mg/kg dry | 0.494           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-02-0 | Nickel    | 4.97   |         | mg/kg dry | 0.983           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-09-7 | Potassium | 348    |         | mg/kg dry | 4.94            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7782-49-2 | Selenium  | ND     |         | mg/kg dry | 2.47            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-22-4 | Silver    | ND     |         | mg/kg dry | 0.497           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-23-5 | Sodium    | ND     |         | mg/kg dry | 49.3            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |
| 7440-28-0 | Thallium  | ND     |         | mg/kg dry | 2.47            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:48   | CEG     |



## Sample Information

**Client Sample ID:** 70644 S2

**York Sample ID:** 23J0613-04

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 10:04 am

Date Received

10/06/2023

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                  | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|-----------------------------------------------------|--------------------|---------|
| 7440-62-2 | Vanadium  | 9.24   |      | mg/kg dry | 0.983           | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 15:48   | CEG     |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-66-6 | Zinc      | 17.9   |      | mg/kg dry | 2.46            | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 15:48   | CEG     |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |

### Boron by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 7440-42-8 | * Boron   | 1.38   | B    | mg/kg dry | 0.099           | 1        | EPA 6020B        | 10/13/2023 19:38   | 10/17/2023 12:12   | cw      |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723      |                    |         |

### Tin by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                  | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|-----------------------------------------------------|--------------------|---------|
| 7440-31-5 | Tin       | 0.516  |      | mg/kg dry | 0.100           | 1        | EPA 6020B        | 10/13/2023 19:38                                    | 10/17/2023 12:12   | cw      |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                  | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|-----------------------------------------------------|--------------------|---------|
| 7439-97-6 | Mercury   | 0.0414 |      | mg/kg dry | 0.0355          | 1        | EPA 7473         | 10/18/2023 15:48                                    | 10/18/2023 22:03   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04 |                    |         |

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| solids  | * % Solids | 84.5   |      | %     | 0.100           | 1        | SM 2540G         | 10/12/2023 07:47   | 10/12/2023 15:56   | sgs     |
|         |            |        |      |       |                 |          | Certifications:  | CTDOH-PH-0723      |                    |         |

## Sample Information

**Client Sample ID:** 70645 S3

**York Sample ID:** 23J0613-05

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 10:11 am

Date Received

10/06/2023



## Sample Information

**Client Sample ID:** 70645 S3

**York Sample ID:** 23J0613-05

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 10:11 am

Date Received

10/06/2023

**Analyzed by:** Long Island Analytical Laboratories, Inc.

### Lithium by EPA 6010

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method             | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
| 7439-93-2 | Lithium   | ND     |      | mg/kg | 18.2            | 1        | EPA 6010D<br>Certifications: | 10/19/2023 00:00   | 10/19/2023 00:00   |         |

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag       | Units     | Reported to LOQ | Dilution | Reference Method                                                                 | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------------|-----------|-----------------|----------|----------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 6390   |            | mg/kg dry | 5.08            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-36-0 | Antimony  | ND     | M-CCV<br>1 | mg/kg dry | 2.54            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-38-2 | Arsenic   | 5.79   |            | mg/kg dry | 1.52            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-39-3 | Barium    | 16.9   |            | mg/kg dry | 2.54            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-41-7 | Beryllium | ND     |            | mg/kg dry | 0.051           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-43-9 | Cadmium   | ND     |            | mg/kg dry | 0.305           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-70-2 | Calcium   | 1310   |            | mg/kg dry | 5.08            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-47-3 | Chromium  | 7.24   |            | mg/kg dry | 0.509           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-48-4 | Cobalt    | 2.46   |            | mg/kg dry | 0.406           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-50-8 | Copper    | 13.3   |            | mg/kg dry | 2.03            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7439-89-6 | Iron      | 5830   |            | mg/kg dry | 25.4            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7439-92-1 | Lead      | 9.26   |            | mg/kg dry | 0.509           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7439-95-4 | Magnesium | 946    |            | mg/kg dry | 5.09            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7439-96-5 | Manganese | 62.9   |            | mg/kg dry | 0.509           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-02-0 | Nickel    | 5.04   |            | mg/kg dry | 1.01            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-09-7 | Potassium | 364    |            | mg/kg dry | 5.09            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |



## Sample Information

**Client Sample ID:** 70645 S3

**York Sample ID:** 23J0613-05

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 10:11 am

Date Received

10/06/2023

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method                                                                  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|-----------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 7782-49-2 | Selenium  | ND     |      | mg/kg dry | 2.54            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-22-4 | Silver    | ND     |      | mg/kg dry | 0.512           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-23-5 | Sodium    | ND     |      | mg/kg dry | 50.8            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 2.54            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-62-2 | Vanadium  | 11.1   |      | mg/kg dry | 1.01            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |
| 7440-66-6 | Zinc      | 15.7   |      | mg/kg dry | 2.53            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33   | 10/18/2023 15:51   | CEG     |

### Boron by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method                           | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|--------------------------------------------|--------------------|--------------------|---------|
| 7440-42-8 | * Boron   | 0.972  | B    | mg/kg dry | 0.102           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723 | 10/13/2023 19:38   | 10/17/2023 12:16   | cw      |

### Tin by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method                                                                  | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|-----------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 7440-31-5 | Tin       | 0.369  |      | mg/kg dry | 0.102           | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:38   | 10/17/2023 12:16   | cw      |

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method                                                                 | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|----------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/kg dry | 0.0366          | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 10/19/2023 16:34   | 10/20/2023 15:25   | AGNR    |

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                          | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------|--------|------|-------|-----------------|----------|-------------------------------------------|--------------------|--------------------|---------|
| solids  | * % Solids | 82.0   |      | %     | 0.100           | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 10/12/2023 07:47   | 10/12/2023 15:56   | sgs     |





### Sample Information

**Client Sample ID:** 70645 S3

**York Sample ID:** 23J0613-05

| <u>York Project (SDG) No.</u> | <u>Client Project ID</u> | <u>Matrix</u> | <u>Collection Date/Time</u> | <u>Date Received</u> |
|-------------------------------|--------------------------|---------------|-----------------------------|----------------------|
| 23J0613                       | EHAMPIC_SOIL_7584        | Soil          | October 4, 2023 10:11 am    | 10/06/2023           |

### Sample Information

**Client Sample ID:** 70646 S4

**York Sample ID:** 23J0613-06

| <u>York Project (SDG) No.</u> | <u>Client Project ID</u> | <u>Matrix</u> | <u>Collection Date/Time</u> | <u>Date Received</u> |
|-------------------------------|--------------------------|---------------|-----------------------------|----------------------|
| 23J0613                       | EHAMPIC_SOIL_7584        | Soil          | October 4, 2023 10:19 am    | 10/06/2023           |

**Analyzed by:** Long Island Analytical Laboratories, Inc.

#### Lithium by EPA 6010

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method             | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|------------------------------|--------------------|--------------------|---------|
| 7439-93-2 | Lithium   | ND     |      | mg/kg | 17              | 1        | EPA 6010D<br>Certifications: | 10/19/2023 00:00   | 10/19/2023 00:00   |         |

#### Metals, Target Analyte

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag       | Units     | Reported to LOQ | Dilution | Reference Method                                                                 | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------------|-----------|-----------------|----------|----------------------------------------------------------------------------------|--------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 4980   |            | mg/kg dry | 4.81            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7440-36-0 | Antimony  | ND     | M-CCV<br>1 | mg/kg dry | 2.40            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7440-38-2 | Arsenic   | 3.88   |            | mg/kg dry | 1.44            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7440-39-3 | Barium    | 15.7   |            | mg/kg dry | 2.40            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7440-41-7 | Beryllium | ND     |            | mg/kg dry | 0.048           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7440-43-9 | Cadmium   | ND     |            | mg/kg dry | 0.289           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7440-70-2 | Calcium   | 1510   |            | mg/kg dry | 4.81            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7440-47-3 | Chromium  | 5.18   |            | mg/kg dry | 0.481           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7440-48-4 | Cobalt    | 1.53   |            | mg/kg dry | 0.384           | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7440-50-8 | Copper    | 5.67   |            | mg/kg dry | 1.92            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |
| 7439-89-6 | Iron      | 4640   |            | mg/kg dry | 24.0            | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33   | 10/18/2023 15:54   | CEG     |



## Sample Information

**Client Sample ID:** 70646 S4

**York Sample ID:** 23J0613-06

**York Project (SDG) No.**

23J0613

**Client Project ID**

EHAMPIC\_SOIL\_7584

**Matrix**

Soil

**Collection Date/Time**

October 4, 2023 10:19 am

**Date Received**

10/06/2023

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-92-1 | Lead      | 14.3   |      | mg/kg dry | 0.481              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7439-95-4 | Magnesium | 697    |      | mg/kg dry | 4.81               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7439-96-5 | Manganese | 71.4   |      | mg/kg dry | 0.481              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7440-02-0 | Nickel    | 3.51   |      | mg/kg dry | 0.958              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7440-09-7 | Potassium | 328    |      | mg/kg dry | 4.81               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7782-49-2 | Selenium  | ND     |      | mg/kg dry | 2.40               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7440-22-4 | Silver    | ND     |      | mg/kg dry | 0.485              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7440-23-5 | Sodium    | 49.3   |      | mg/kg dry | 48.1               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7440-28-0 | Thallium  | ND     |      | mg/kg dry | 2.40               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7440-62-2 | Vanadium  | 8.60   |      | mg/kg dry | 0.958              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |
| 7440-66-6 | Zinc      | 14.9   |      | mg/kg dry | 2.39               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:33      | 10/18/2023 15:54      | CEG     |

### Boron by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                           | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|--------------------------------------------|-----------------------|-----------------------|---------|
| 7440-42-8 | * Boron   | 1.28   | B    | mg/kg dry | 0.096              | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723 | 10/13/2023 19:38      | 10/17/2023 12:19      | cw      |

### Tin by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-31-5 | Tin       | 0.363  |      | mg/kg dry | 0.100              | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:38      | 10/17/2023 12:19      | cw      |

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

| CAS No. | Parameter | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------|-----------|--------|------|-------|--------------------|----------|------------------|-----------------------|-----------------------|---------|
|---------|-----------|--------|------|-------|--------------------|----------|------------------|-----------------------|-----------------------|---------|



## Sample Information

**Client Sample ID:** 70646 S4

**York Sample ID:** 23J0613-06

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 10:19 am

Date Received

10/06/2023

### Mercury by 7473

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 7473 soil

| CAS No.   | Parameter | Result | Flag | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                  | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|-----------------|----------|------------------|-----------------------------------------------------|--------------------|---------|
| 7439-97-6 | Mercury   | 0.0577 |      | mg/kg dry | 0.0346          | 1        | EPA 7473         | 10/19/2023 16:34                                    | 10/20/2023 15:25   | AGNR    |
|           |           |        |      |           |                 |          | Certifications:  | CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04 |                    |         |

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| solids  | * % Solids | 86.7   |      | %     | 0.100           | 1        | SM 2540G         | 10/12/2023 07:47   | 10/12/2023 15:56   | sgs     |
|         |            |        |      |       |                 |          | Certifications:  | CTDOH-PH-0723      |                    |         |

## Sample Information

**Client Sample ID:** 70647 S5

**York Sample ID:** 23J0613-07

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 10:25 am

Date Received

10/06/2023

**Analyzed by:** Long Island Analytical Laboratories, Inc.

### Lithium by EPA 6010

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|------|-------|-----------------|----------|------------------|--------------------|--------------------|---------|
| 7439-93-2 | Lithium   | ND     |      | mg/kg | 16              | 1        | EPA 6010D        | 10/19/2023 00:00   | 10/19/2023 00:00   |         |
|           |           |        |      |       |                 |          | Certifications:  |                    |                    |         |

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag    | Units     | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared                                  | Date/Time Analyzed | Analyst |
|-----------|-----------|--------|---------|-----------|-----------------|----------|------------------|-----------------------------------------------------|--------------------|---------|
| 7429-90-5 | Aluminum  | 4590   |         | mg/kg dry | 4.66            | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 16:03   | CEG     |
|           |           |        |         |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-36-0 | Antimony  | ND     | M-CCV 1 | mg/kg dry | 2.33            | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 16:03   | CEG     |
|           |           |        |         |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-38-2 | Arsenic   | 5.17   | M-CCV 1 | mg/kg dry | 1.40            | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 16:03   | CEG     |
|           |           |        |         |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |
| 7440-39-3 | Barium    | 13.6   |         | mg/kg dry | 2.33            | 1        | EPA 6010D        | 10/13/2023 19:33                                    | 10/18/2023 16:03   | CEG     |
|           |           |        |         |           |                 |          | Certifications:  | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 |                    |         |



## Sample Information

**Client Sample ID:** 70647 S5

**York Sample ID:** 23J0613-07

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 10:25 am

Date Received

10/06/2023

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag       | Units     | Reported to<br>LOQ | Dilution | Reference Method                                                                  | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------------|-----------|--------------------|----------|-----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-41-7 | Beryllium | ND     |            | mg/kg dry | 0.047              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-43-9 | Cadmium   | ND     |            | mg/kg dry | 0.280              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-70-2 | Calcium   | 663    |            | mg/kg dry | 4.66               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-47-3 | Chromium  | 6.80   |            | mg/kg dry | 0.466              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-48-4 | Cobalt    | 1.95   |            | mg/kg dry | 0.372              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-50-8 | Copper    | 12.1   |            | mg/kg dry | 1.86               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7439-89-6 | Iron      | 5260   |            | mg/kg dry | 23.3               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7439-92-1 | Lead      | 10.3   |            | mg/kg dry | 0.466              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7439-95-4 | Magnesium | 826    |            | mg/kg dry | 4.66               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7439-96-5 | Manganese | 51.0   |            | mg/kg dry | 0.466              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-02-0 | Nickel    | 5.07   |            | mg/kg dry | 0.928              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-09-7 | Potassium | 285    | M-CCV<br>1 | mg/kg dry | 4.66               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7782-49-2 | Selenium  | ND     |            | mg/kg dry | 2.33               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-22-4 | Silver    | ND     |            | mg/kg dry | 0.470              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-23-5 | Sodium    | ND     |            | mg/kg dry | 46.6               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-28-0 | Thallium  | ND     | M-CCV<br>1 | mg/kg dry | 2.33               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-62-2 | Vanadium  | 9.06   |            | mg/kg dry | 0.928              | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |
| 7440-66-6 | Zinc      | 13.3   |            | mg/kg dry | 2.32               | 1        | EPA 6010D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044 | 10/13/2023 19:33      | 10/18/2023 16:03      | CEG     |

### Boron by EPA 6020

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.            | Parameter | Result              | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method   | Date/Time<br>Prepared | Date/Time<br>Analyzed   | Analyst |
|--------------------|-----------|---------------------|------|-------|--------------------|----------|--------------------|-----------------------|-------------------------|---------|
| 120 RESEARCH DRIVE |           | STRATFORD, CT 06615 |      |       |                    |          | 132-02 89th AVENUE |                       | RICHMOND HILL, NY 11418 |         |
| www.YORKLAB.com    |           | (203) 325-1371      |      |       |                    |          | FAX (203) 357-0166 |                       | ClientServices@         |         |





## Sample Information

**Client Sample ID:** 70647 S5

**York Sample ID:** 23J0613-07

York Project (SDG) No.

23J0613

Client Project ID

EHAMPIC\_SOIL\_7584

Matrix

Soil

Collection Date/Time

October 4, 2023 10:25 am

Date Received

10/06/2023

### Boron by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                           | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|--------------------------------------------|-----------------------|-----------------------|---------|
| 7440-42-8 | * Boron   | 0.866  | B    | mg/kg dry | 0.112              | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723 | 10/13/2023 19:38      | 10/17/2023 12:22      | cw      |

### Tin by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7440-31-5 | Tin       | 0.372  |      | mg/kg dry | 0.112              | 1        | EPA 6020B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04 | 10/13/2023 19:38      | 10/17/2023 12:22      | cw      |

### Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

| CAS No.   | Parameter | Result | Flag | Units     | Reported to<br>LOQ | Dilution | Reference Method                                                                 | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------|-----------|--------|------|-----------|--------------------|----------|----------------------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 7439-97-6 | Mercury   | ND     |      | mg/kg dry | 0.0335             | 1        | EPA 7473<br>Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044 | 10/19/2023 16:34      | 10/20/2023 15:25      | AGNR    |

### Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter  | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                          | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------|------------|--------|------|-------|--------------------|----------|-------------------------------------------|-----------------------|-----------------------|---------|
| solids  | * % Solids | 89.4   |      | %     | 0.100              | 1        | SM 2540G<br>Certifications: CTDOH-PH-0723 | 10/12/2023 07:59      | 10/12/2023 14:30      | sgs     |





## Sample and Data Qualifiers Relating to This Work Order

|        |                                                                                                                                                             |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M-CCV1 | The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high. |
| B      | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.                         |

### Definitions and Other Explanations

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *           | Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.                                                                                                                                                                                                                                                                                                                               |
| ND          | NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)                                                                                                                                                                                                                                                                                                                                                      |
| RL          | REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.                                                                                                                                                                                                                                                                                                                                 |
| LOQ         | LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.                                                              |
| LOD         | LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.                                                                                                                                                                       |
| MDL         | METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.                                                                                                                |
| Reported to | This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.                                                                                                 |
| NR          | Not reported                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RPD         | Relative Percent Difference                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Wet         | The data has been reported on an as-received (wet weight) basis                                                                                                                                                                                                                                                                                                                                                                              |
| Low Bias    | Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.           |
| High Bias   | High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.         |
| Non-Dir.    | Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons. |

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.





# Environmental Sample Chain of Custody

## General Environmental Sample(s)

nationalgrid

LABORATORY NUMBER:

23J0613

Laboratory

402K

LAB ID No.

E HAMPTON I.C. - 501L - 7584

(delivered to)

### CUSTOMER INFORMATION

|                       |                   |                  |                   |                           |
|-----------------------|-------------------|------------------|-------------------|---------------------------|
| CONTACT NAME:         | Nicholas Calabro  | ACCOUNTING:      | East Hampton BESS | SPECIAL DETECTION LIMITS: |
| BUSINESS AREA / DEPT: | Environmental     | PROJECT ADDRESS: | Cove Hollow Rd.   | PRIORITY:                 |
| ADDRESS:              | Soheena Hartmann  | PHONE NUMBER:    | East Hampton, NY  | DELIVERABLES:             |
| CONTACT EMAIL:        | Pover Engineering | FAX NUMBER:      |                   |                           |

| K<br>E<br>Y | Matrices: (S)oil, Solid(D), S(L)udge, (O)il, (A)queous, (G)as, O(T)her. |    | Date    | Time    | Matrix | Analysis Requested<br>↑<br>Total No. of containers<br>↓ |             | Comment:<br>Antimony, Aluminum, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Potassium, Selenium, Silver, Tellurium, Tin, Vanadium, Zinc, Lithium |                  |                 |  |          |  |  |  |  |  |
|-------------|-------------------------------------------------------------------------|----|---------|---------|--------|---------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|--|----------|--|--|--|--|--|
|             | Customer Sample ID                                                      |    |         |         |        | Sample Location                                         | Bottle Type | Preservative                                                                                                                                                                                                                           | Storage Location | Sample Comment: |  |          |  |  |  |  |  |
|             | 70641                                                                   | B1 | 10/4/23 | 9:35am  | S      | 1                                                       | ↓           | Sb, Al, As, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Ti, Sn, V, Zn, Lithium                                                                                                                                   | G                | —               |  | 1802 Jar |  |  |  |  |  |
|             | 70642                                                                   | B2 |         | 9:41am  | S      | 1                                                       | ↓           |                                                                                                                                                                                                                                        | G                | —               |  |          |  |  |  |  |  |
|             | 70643                                                                   | S1 |         | 9:54am  | S      | 1                                                       | ↓           |                                                                                                                                                                                                                                        | G                | —               |  |          |  |  |  |  |  |
|             | 70644                                                                   | S2 |         | 10:04am | S      | 1                                                       | ↓           |                                                                                                                                                                                                                                        | G                | —               |  |          |  |  |  |  |  |
|             | 70645                                                                   | S3 |         | 10:11am | S      | 1                                                       | ↓           |                                                                                                                                                                                                                                        | G                | —               |  |          |  |  |  |  |  |
|             | 70646                                                                   | S4 |         | 10:19am | S      | 1                                                       | ↓           |                                                                                                                                                                                                                                        | G                | —               |  |          |  |  |  |  |  |
|             | 70647                                                                   | S5 | ↓       | 10:25am | S      | 1                                                       | ↓           |                                                                                                                                                                                                                                        | G                | —               |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
|             |                                                                         |    |         |         |        |                                                         |             |                                                                                                                                                                                                                                        |                  |                 |  |          |  |  |  |  |  |
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### GENERAL INFORMATION

Refer to Laboratory Number when making inquiries  
Gas samples require landmark location  
Samples are retained for 30 days following analysis unless otherwise specified

|                                                 |                                  |               |                 |                                    |                 |                 |
|-------------------------------------------------|----------------------------------|---------------|-----------------|------------------------------------|-----------------|-----------------|
| RELINQUISHED BY: <b>Print: Nicholas Calabro</b> | Signature: <i>N. Calabro</i>     | TIME: 1:15 pm | DATE: 10/4/2023 | RECEIVED BY: <i>James Ball</i>     | TIME: 10/5/2023 | DATE: 10/5/2023 |
| RELINQUISHED BY: <i>James Ball</i>              | Signature: <i>James Ball</i>     | TIME: 11AM    | DATE: 10/6/23   | RECEIVED BY: <i>K. B. B. B. B.</i> | TIME: 11AM      | DATE: 10/6/23   |
| RELINQUISHED BY: <i>K. B. B. B. B.</i>          | Signature: <i>K. B. B. B. B.</i> | TIME: 1830    | DATE: 10/6/23   | RECEIVED IN LAB BY: <i>CH</i>      | TIME: 1830      | DATE: 10/6/23   |

Coolers Received:  
Cooler Temperature: 3.50

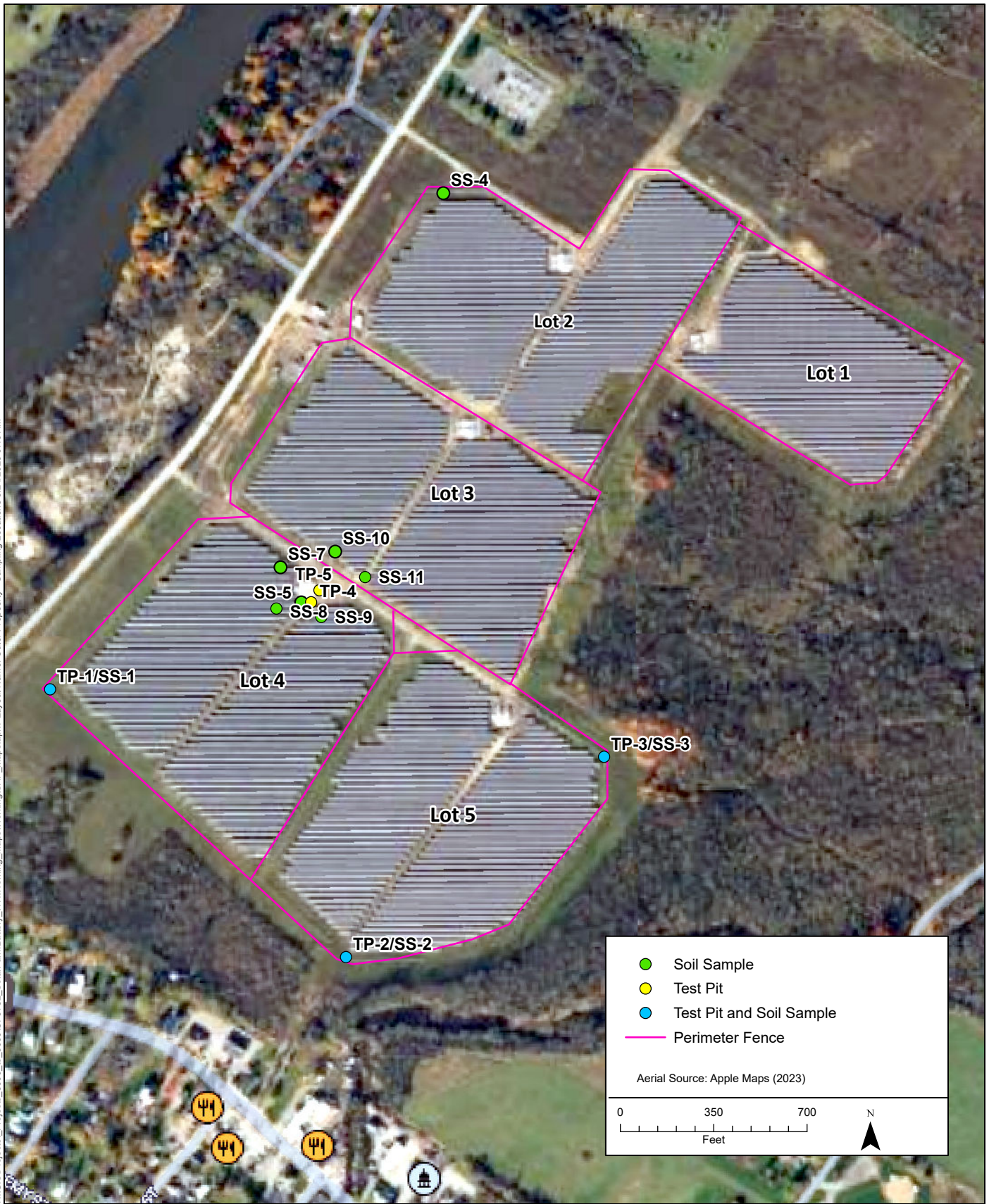
White - Lab Coordinator

Yellow - Sample Custodian

Pink - Customer

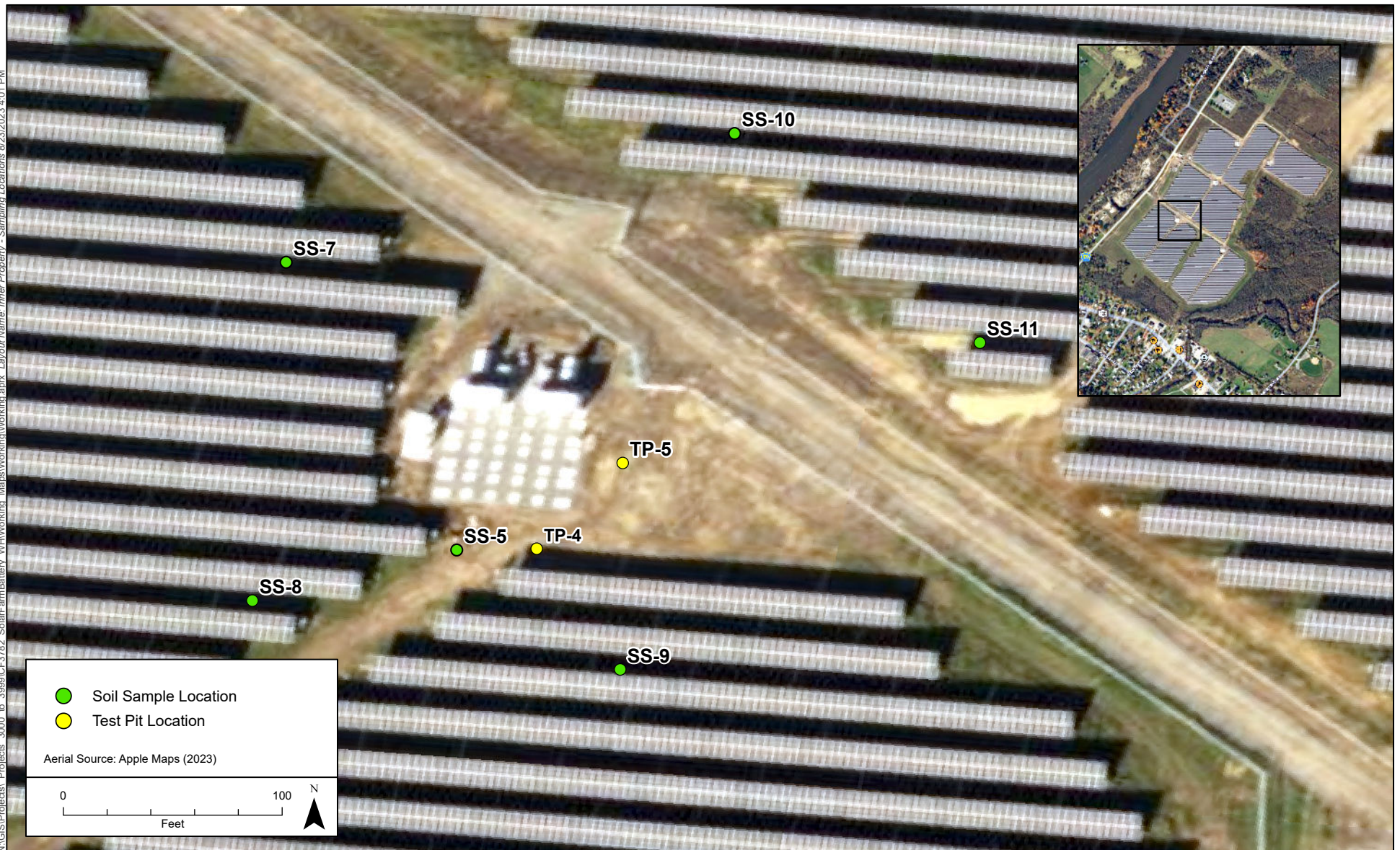


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# DATA VALIDATION REPORT GROUNDWATER SAMPLING

**Chaumont Solar Farm, Lot 4  
27940-28160 Country Road 179  
Chaumont, New York**

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September 27, 2023



## **1 INTRODUCTION**

This report presents the findings of the data validation of groundwater samples and associated quality control samples analyzed for volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 524.2, semivolatile organic compounds (SVOCs) by EPA Method 8270D, and metals by EPA Method 6010D. The samples were analyzed by Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut.

The samples received a Level II (Stage 2A) validation, which included a review of all laboratory summary forms of quality control results. The data validation was based upon criteria described in the EPA functional guidelines for inorganic and organic Superfund methods data review (USEPA 2020a,b), and the referenced analytical methods.

The quality assurance and quality control (QA/QC) parameters reviewed are discussed in Section 2. All electronic data deliverables were compared to the hard copy data packages, and 100 percent of the results were verified. Qualifiers resulting from the validation process were entered into the project database. A reason code indicating the reason for qualification was also entered into the database.

## **2 FINDINGS**

Details on the QA/QC parameters are discussed below.

### **2.1 SAMPLE RECEIPT AND HOLDING TIMES**

Samples were received with complete chain-of-custody forms and in good condition.

### **2.2 BLANKS**

Laboratory blanks were analyzed as required by the referenced analytical method. Laboratory blanks were non-detect for all target analytes.

One equipment blank was collected and submitted for analysis with its associated groundwater samples. Equipment blanks were non-detect for target analytes, with the exceptions noted below.

Calcium was detected in the equipment blank above the reporting limit. Concentrations of calcium were well above the blank concentration; no qualifiers were applied.

## 2.3 SURROGATE COMPOUNDS

Surrogates were added to all samples for analysis of SVOCs and VOCs. The surrogate compound recoveries for all samples were within the laboratory control limits.

## 2.4 LABORATORY CONTROL SAMPLES

Laboratory control samples (LCSs) and laboratory control sample duplicates (LCSDs) were analyzed at the appropriate frequency of one per analytical batch for all applicable parameters. The percent recoveries and relative percent differences (RPDs) of all LCS/LCSDs were within the laboratory control limits with the following exceptions.

The RPDs for 4-chloroaniline, bis(2-chloroethoxy)methane, bis(2-chloroethyl)ether, hexachloroethane, hexachlorobutadiene, nitrobenzene, and N-nitrosodimethylamine in LCS/LCSD CO67089 were greater than the laboratory control limit. The associated samples were all non-detect for these compounds; no qualifiers were applied.

The percent recoveries of atrazine in LCS/LCSD CO67089 were less than the laboratory control limit. Results for atrazine in the associated samples were non-detect and qualified as estimated (UJ LCS).

The percent recovery of hexachlorocyclopentadiene in LCS CO67089 was less than the laboratory control limit. Because the percent recovery was within the control limit for the LCSD and the LCS recovery value was within 10 percent of the control limit, no qualifiers were applied. However, the LCS/LCSD RPD was greater than the laboratory control limit; all results were non-detect, no qualifiers were applied.

## 2.5 MATRIX SPIKES AND MATRIX SPIKE DUPLICATES

Matrix spikes (MS) and matrix spike duplicates (MSD) were analyzed at the appropriate frequency of one per analytical batch for all applicable parameters. The percent recoveries and relative percent differences (RPDs) of all MS/MSDs were within the laboratory control limits.

## 2.6 FIELD DUPLICATES

One field duplicate was collected during the groundwater sampling event. Sample DUP was a duplicate of Sample 28219. RPDs were within the established control limit of 35 percent, except for nickel. Nickel results in Samples 28219 and DUP were qualified as estimated J/UJ-REP.

## **2.7 METHOD REPORTING LIMITS AND METHODOLOGY**

The reporting limits are consistent with the methodologies used and the intended uses of the data.

The laboratory noted select samples were diluted due to the nature of the sample matrix; the reporting limits were elevated accordingly.

## **3 OVERALL ASSESSMENT**

### **3.1 DATA QUALIFICATION**

A total of 1,801 results were reported. A total of 15 results (<1 percent) were qualified as estimated or not detected. No results were rejected, and completeness was 100 percent, which meets the completeness goal of 90 percent. A summary of qualified results is presented in Table 1.

### **3.2 DATA USABILITY**

The data meet the criteria set forth in the referenced quality assurance documents, with the exceptions noted above. All results are acceptable for their intended use.

## **4 REFERENCES**

USEPA. 2020a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA 542-R-20-006. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation, Washington, DC. November.

USEPA. 2020b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA 542-R-20-005. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation, Washington, DC. November.

Table 1. Summary of Qualified Data

| Sample          | Analyte  | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------------|----------|-------|--------|------------------------|---------------|--------------|---------------------|
| DUP             | Nickel   | mg/L  | 0.03   | 0.001                  |               | J            | REP                 |
| 28219           | Nickel   | mg/L  | 0.003  | 0.001                  |               | J            | REP                 |
| DUP             | Atrazine | µg/L  | 0.95   | 0.95                   | U             | UJ           | LCS                 |
| 28219           | Atrazine | µg/L  | 0.94   | 0.94                   | U             | UJ           | LCS                 |
| 28110           | Atrazine | µg/L  | 0.96   | 0.96                   | U             | UJ           | LCS                 |
| 13199           | Atrazine | µg/L  | 0.94   | 0.94                   | U             | UJ           | LCS                 |
| 28155           | Atrazine | µg/L  | 0.94   | 0.94                   | U             | UJ           | LCS                 |
| 28272           | Atrazine | µg/L  | 0.94   | 0.94                   | U             | UJ           | LCS                 |
| 28121           | Atrazine | µg/L  | 0.97   | 0.97                   | U             | UJ           | LCS                 |
| EQUIPMENT BLANK | Atrazine | µg/L  | 0.95   | 0.95                   | U             | UJ           | LCS                 |
| 28399           | Atrazine | µg/L  | 0.96   | 0.96                   | U             | UJ           | LCS                 |
| 28289           | Atrazine | µg/L  | 0.94   | 0.94                   | U             | UJ           | LCS                 |
| 28177           | Atrazine | µg/L  | 0.95   | 0.95                   | U             | UJ           | LCS                 |
| 28317           | Atrazine | µg/L  | 0.98   | 0.98                   | U             | UJ           | LCS                 |
| 28247           | Atrazine | µg/L  | 0.94   | 0.94                   | U             | UJ           | LCS                 |

Notes:

LCS = laboratory control sample recovery

REP = replicate imprecision

Qualifiers:

J = The result is an estimated quantity.

UJ = Estimated and not detected. The analyte is considered estimated and not detected. The analyte is considered not detected at the reported value, and the associated numerical value is an estimated value.



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Manon Tanner-Dave  
Integral Consulting Inc  
319 SW Washington Ave  
Suite 1150  
Portland, Oregon 97204

Generated 8/26/2023 8:33:46 AM

## JOB DESCRIPTION

Solar Farm/Battery NY State

## JOB NUMBER

410-139126-1

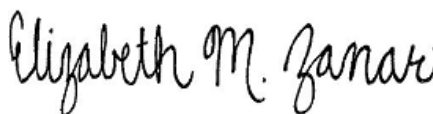
# Eurofins Lancaster Laboratories Environment Testing, LLC

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
8/26/2023 8:33:46 AM

Authorized for release by  
Elizabeth Zonar, Project Manager  
[Elizabeth.Zonar@et.eurofinsus.com](mailto:Elizabeth.Zonar@et.eurofinsus.com)  
(717)556-7290

## Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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# Table of Contents

|                                  |    |
|----------------------------------|----|
| Cover Page . . . . .             | 1  |
| Table of Contents . . . . .      | 4  |
| Definitions/Glossary . . . . .   | 5  |
| Case Narrative . . . . .         | 7  |
| Detection Summary . . . . .      | 8  |
| Client Sample Results . . . . .  | 13 |
| Surrogate Summary . . . . .      | 43 |
| QC Sample Results . . . . .      | 45 |
| QC Association Summary . . . . . | 83 |
| Lab Chronicle . . . . .          | 89 |
| Certification Summary . . . . .  | 94 |
| Method Summary . . . . .         | 95 |
| Sample Summary . . . . .         | 96 |
| Chain of Custody . . . . .       | 97 |
| Receipt Checklists . . . . .     | 99 |





## Definitions/Glossary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

#### GC/MS VOA TICs

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| B         | Compound was found in the blank and sample.                                                                    |
| J         | Indicates an Estimated Value for TICs                                                                          |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| N         | Presumptive evidence of material.                                                                              |
| T         | Result is a tentatively identified compound (TIC) and an estimated value.                                      |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| cn        | Refer to Case Narrative for further detail                                                                     |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

#### GC/MS Semi VOA TICs

| Qualifier | Qualifier Description                                                     |
|-----------|---------------------------------------------------------------------------|
| B         | Compound was found in the blank and sample.                               |
| J         | Indicates an Estimated Value for TICs                                     |
| N         | Presumptive evidence of material.                                         |
| T         | Result is a tentatively identified compound (TIC) and an estimated value. |

#### Metals

| Qualifier | Qualifier Description                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| ^+        | Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.                                                                      |
| ^2        | Calibration Blank (ICB and/or CCB) is outside acceptance limits.                                                                                          |
| ^5-       | Linear Range Check (LRC) is outside acceptance limits, low biased.                                                                                        |
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| cn        | Refer to Case Narrative for further detail                                                                                                                |
| E         | Result exceeded calibration range.                                                                                                                        |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                                                            |
| F2        | MS/MSD RPD exceeds control limits                                                                                                                         |
| F3        | Duplicate RPD exceeds the control limit                                                                                                                   |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.                                            |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |

## Definitions/Glossary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

### Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report.          |
|--------------|--------------------------------------------------------------------------------------|
| MCL          | EPA recommended "Maximum Contaminant Level"                                          |
| MDA          | Minimum Detectable Activity (Radiochemistry)                                         |
| MDC          | Minimum Detectable Concentration (Radiochemistry)                                    |
| MDL          | Method Detection Limit                                                               |
| ML           | Minimum Level (Dioxin)                                                               |
| MPN          | Most Probable Number                                                                 |
| MQL          | Method Quantitation Limit                                                            |
| NC           | Not Calculated                                                                       |
| ND           | Not Detected at the reporting limit (or MDL or EDL if shown)                         |
| NEG          | Negative / Absent                                                                    |
| POS          | Positive / Present                                                                   |
| PQL          | Practical Quantitation Limit                                                         |
| PRES         | Presumptive                                                                          |
| QC           | Quality Control                                                                      |
| RER          | Relative Error Ratio (Radiochemistry)                                                |
| RL           | Reporting Limit or Requested Limit (Radiochemistry)                                  |
| RPD          | Relative Percent Difference, a measure of the relative difference between two points |
| TEF          | Toxicity Equivalent Factor (Dioxin)                                                  |
| TEQ          | Toxicity Equivalent Quotient (Dioxin)                                                |
| TNTC         | Too Numerous To Count                                                                |

# Case Narrative

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

**Job ID: 410-139126-1**

**Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC**

## Narrative

### Job Narrative 410-139126-1

#### Receipt

The samples were received on 8/16/2023 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.5°C and 2.3°C

#### Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

#### GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-410256 recovered above the upper control limit for 2,4,6-Trichlorophenol, 2,4-Dinitrophenol, 2-Chloronaphthalene, 4-Bromophenyl phenyl ether, Caprolactam and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. SS-10 (0-0.25) (410-139126-5) and SS-10 (0.75-1) (410-139126-6).

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-411483 was below the method criteria for the following analyte(s): Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-411723 recovered above the upper control limit for Atrazine and Caprolactam. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SS-4 (0.75-1) (410-139126-2) and SS-11 (0.75-1) (410-139126-4).

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-411723 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], Hexachlorocyclopentadiene and Pentachlorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Metals

Method 6020B: The continuing calibration verification (CCV) associated with batch 410-410628 recovered above the upper control limit for Magnesium and Sodium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: EB1-20230814 (410-139126-8).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

**Client Sample ID: SS-4 (0-0.25)**

**Lab Sample ID: 410-139126-1**

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| 4-Methylphenol         | 43     | J         | 78    | 26    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzaldehyde           | 200    | J         | 260   | 52    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 15     | J         | 26    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 37     |           | 26    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 57     |           | 26    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 17     | J         | 26    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 26     |           | 26    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 27     |           | 26    | 10    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 25     | J         | 26    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 40     |           | 26    | 6.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 14     | J         | 26    | 6.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 19     | J         | 26    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium                | 26     |           | 7.8   | 3.1   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum               | 46000  | ^2        | 160   | 77    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Antimony               | 0.14   | J F1      | 0.31  | 0.12  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic                | 4.6    |           | 0.62  | 0.21  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium                 | 420    | F2        | 3.1   | 1.4   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium              | 1.9    |           | 0.16  | 0.037 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.63   | ^5-       | 0.16  | 0.062 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium                | 10000  |           | 62    | 30    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium               | 54     | F1        | 0.62  | 0.30  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt                 | 11     |           | 0.31  | 0.12  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper                 | 35     | F1        | 0.62  | 0.28  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                   | 41000  | F2        | 160   | 72    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                   | 15     | F1        | 0.31  | 0.12  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium              | 8300   |           | 16    | 7.6   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese              | 850    |           | 0.62  | 0.31  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 38     | F1        | 0.62  | 0.30  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium              | 6400   | F2        | 62    | 25    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.69   |           | 0.62  | 0.16  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.20   |           | 0.16  | 0.063 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium                 | 130    |           | 78    | 37    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium               | 0.35   |           | 0.16  | 0.061 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 120    | F1        | 47    | 6.2   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium               | 66     | F1        | 1.2   | 0.31  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.097  |           | 0.088 | 0.029 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

**Client Sample ID: SS-4 (0.75-1)**

**Lab Sample ID: 410-139126-2**

| Analyte             | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene | 18     | J         | 24   | 7.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzaldehyde        | 75     | J         | 240  | 49    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene            | 5.3    | J         | 24   | 4.9   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene         | 13     | J         | 24   | 9.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene        | 8.6    | J         | 24   | 5.9   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene              | 5.8    | J         | 24   | 4.9   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium             | 40     |           | 15   | 5.9   | mg/Kg | 2       | ✱ | 6010D  | Total/NA  |
| Aluminum            | 68000  | ^2        | 150  | 73    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic             | 6.2    |           | 0.59 | 0.20  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium              | 630    | ^2        | 2.9  | 1.3   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium           | 3.1    |           | 0.15 | 0.035 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC



## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

**Client Sample ID: SS-4 (0.75-1) (Continued)**

**Lab Sample ID: 410-139126-2**

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil | Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|-----|-----|---|--------|-----------|
| Cadmium   | 0.63   |           | 0.15  | 0.059 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Calcium   | 10000  |           | 59    | 29    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Chromium  | 83     |           | 0.59  | 0.28  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Cobalt    | 18     | ^2        | 0.29  | 0.12  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Copper    | 60     | ^2        | 0.59  | 0.27  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Iron      | 54000  | ^2        | 150   | 68    | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Lead      | 17     |           | 0.29  | 0.11  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Magnesium | 13000  |           | 15    | 7.2   | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Manganese | 1100   | ^2        | 0.59  | 0.29  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Nickel    | 64     |           | 0.59  | 0.28  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Potassium | 10000  |           | 59    | 24    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Selenium  | 0.37   | J         | 0.59  | 0.15  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Silver    | 0.29   |           | 0.15  | 0.060 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Sodium    | 190    |           | 74    | 35    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Thallium  | 0.59   |           | 0.15  | 0.058 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Zinc      | 170    |           | 44    | 5.9   | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Vanadium  | 99     |           | 1.2   | 0.29  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Mercury   | 0.11   |           | 0.088 | 0.029 | mg/Kg | 1   | ✱   |   | 7471B  | Total/NA  |

**Client Sample ID: SS-11 (0-0.25)**

**Lab Sample ID: 410-139126-3**

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil | Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|-----|-----|---|--------|-----------|
| Benzo[a]anthracene     | 13     | J         | 22   | 4.4   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 34     |           | 22   | 4.4   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 66     |           | 22   | 4.4   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 24     |           | 22   | 4.4   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Chrysene               | 18     | J         | 22   | 4.4   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Dibenz[a,h]anthracene  | 51     |           | 22   | 8.7   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Fluoranthene           | 18     | J         | 22   | 4.4   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 70     |           | 22   | 5.2   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Phenanthrene           | 10     | J         | 22   | 5.2   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Pyrene                 | 14     | J         | 22   | 4.4   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Lithium                | 30     | F2        | 13   | 5.1   | mg/Kg | 2   | ✱   |   | 6010D  | Total/NA  |
| Aluminum               | 33000  | ^2        | 130  | 63    | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Arsenic                | 4.5    | F2        | 0.51 | 0.17  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Barium                 | 250    |           | 2.6  | 1.2   | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Beryllium              | 1.4    | F2        | 0.13 | 0.031 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Cadmium                | 0.19   | F2        | 0.13 | 0.051 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Calcium                | 8900   | F2        | 51   | 25    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Chromium               | 51     |           | 0.51 | 0.24  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Cobalt                 | 18     |           | 0.26 | 0.10  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Copper                 | 27     |           | 0.51 | 0.23  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Iron                   | 38000  | ^2        | 130  | 59    | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Lead                   | 18     | F1        | 0.26 | 0.097 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Magnesium              | 11000  |           | 13   | 6.3   | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Manganese              | 950    |           | 0.51 | 0.26  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Nickel                 | 34     |           | 0.51 | 0.24  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Potassium              | 7100   |           | 51   | 21    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Selenium               | 0.27   | J F2      | 0.51 | 0.13  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Silver                 | 0.059  | J F2      | 0.13 | 0.052 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Sodium                 | 430    | F1 F2     | 64   | 31    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

### Client Sample ID: SS-11 (0-0.25) (Continued)

Lab Sample ID: 410-139126-3

| Analyte  | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Thallium | 0.38   | F2        | 0.13  | 0.050 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc     | 100    |           | 38    | 5.1   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium | 81     |           | 1.0   | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury  | 0.065  | J         | 0.077 | 0.026 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: SS-11 (0.75-1)

Lab Sample ID: 410-139126-4

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Acetophenone           | 28     | J         | 66    | 22    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 4.7    | J         | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzaldehyde           | 47     | J         | 220   | 44    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 12     | J         | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 13     | J         | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 18     | J         | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 11     | J         | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 8.3    | J         | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 21     | J         | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 30     |           | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 10     | J         | 22    | 5.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 12     | J         | 22    | 8.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 16     | J         | 22    | 5.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 26     |           | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium                | 32     |           | 13    | 5.3   | mg/Kg | 2       | ✱ | 6010D  | Total/NA  |
| Aluminum               | 35000  | ^2        | 130   | 66    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic                | 4.8    |           | 0.53  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium                 | 220    | ^2        | 0.53  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 1.3    |           | 0.13  | 0.032 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.13   |           | 0.13  | 0.053 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium                | 2600   |           | 53    | 26    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium               | 50     |           | 0.53  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt                 | 21     | ^2        | 0.26  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper                 | 22     | ^2        | 0.53  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                   | 40000  | ^2        | 130   | 61    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                   | 22     |           | 0.26  | 0.10  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium              | 9500   |           | 13    | 6.5   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese              | 980    | ^2        | 0.53  | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 29     |           | 0.53  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium              | 5800   |           | 53    | 21    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.34   | J         | 0.53  | 0.13  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.077  | J         | 0.13  | 0.054 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium                 | 180    |           | 66    | 32    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium               | 0.39   |           | 0.13  | 0.052 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 100    |           | 40    | 5.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium               | 84     |           | 1.1   | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.043  | J         | 0.076 | 0.025 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: SS-10 (0-0.25)

Lab Sample ID: 410-139126-5

| Analyte            | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Benzaldehyde       | 67     | J         | 220 | 44  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene | 6.0    | J         | 22  | 4.4 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene           | 11     | J         | 22  | 4.4 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

### Client Sample ID: SS-10 (0-0.25) (Continued)

### Lab Sample ID: 410-139126-5

| Analyte      | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Fluoranthene | 17     | J         | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene       | 14     | J         | 22    | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium      | 28     |           | 9.2   | 3.7   | mg/Kg | 2       | ✱ | 6010D  | Total/NA  |
| Aluminum     | 27000  | ^2        | 92    | 46    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Antimony     | 0.084  | J         | 0.18  | 0.074 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic      | 4.5    |           | 0.37  | 0.12  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium       | 160    |           | 1.8   | 0.84  | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium    | 1.2    |           | 0.092 | 0.022 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium      | 0.33   |           | 0.092 | 0.037 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium      | 3000   |           | 37    | 18    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium     | 42     |           | 0.37  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt       | 24     |           | 0.18  | 0.074 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper       | 16     |           | 0.37  | 0.17  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron         | 35000  | ^2        | 92    | 43    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead         | 22     |           | 0.18  | 0.070 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium    | 7700   |           | 9.2   | 4.5   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese    | 1700   | ^2        | 1.8   | 0.92  | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Nickel       | 24     |           | 0.37  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium    | 4300   |           | 37    | 15    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium     | 0.47   |           | 0.37  | 0.092 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver       | 0.059  | J         | 0.092 | 0.037 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium       | 150    |           | 46    | 22    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium     | 0.29   |           | 0.092 | 0.036 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc         | 93     |           | 28    | 3.7   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium     | 77     |           | 0.74  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury      | 0.053  | J         | 0.078 | 0.026 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: SS-10 (0.75-1)

### Lab Sample ID: 410-139126-6

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Lithium   | 34     |           | 13   | 5.1   | mg/Kg | 2       | ✱ | 6010D  | Total/NA  |
| Aluminum  | 39000  | ^2        | 130  | 64    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic   | 4.8    |           | 0.51 | 0.17  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium    | 230    | ^2        | 2.6  | 1.2   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium | 1.5    |           | 0.13 | 0.031 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium   | 0.072  | J         | 0.13 | 0.051 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium   | 2200   |           | 51   | 25    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium  | 56     |           | 0.51 | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt    | 13     | ^2        | 0.26 | 0.10  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper    | 20     | ^2        | 0.51 | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron      | 46000  | ^2        | 130  | 59    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead      | 15     |           | 0.26 | 0.098 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium | 11000  |           | 13   | 6.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese | 510    | ^2        | 0.51 | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 30     |           | 0.51 | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 6500   |           | 51   | 21    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium  | 0.36   | J         | 0.51 | 0.13  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 250    |           | 64   | 31    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.37   |           | 0.13 | 0.050 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 86     |           | 39   | 5.1   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 95     |           | 1.0  | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

### Client Sample ID: SS-10 (0.75-1) (Continued)

Lab Sample ID: 410-139126-6

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Mercury | 0.031  | J         | 0.074 | 0.025 | mg/Kg | 1       | ☆ | 7471B  | Total/NA  |

### Client Sample ID: TB1-20230814

Lab Sample ID: 410-139126-7

No Detections.

### Client Sample ID: EB1-20230814

Lab Sample ID: 410-139126-8

| Analyte    | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|------------|--------|-----------|------|-------|------|---------|---|--------|-----------|
| Chloroform | 0.95   | J         | 1.0  | 0.30  | ug/L | 1       |   | 8260D  | Total/NA  |
| Mercury    | 0.084  | J         | 0.20 | 0.079 | ug/L | 1       |   | 7470A  | Total/NA  |

### Client Sample ID: EB2-20230814

Lab Sample ID: 410-139126-9

| Analyte    | Result | Qualifier | RL   | MDL   | Unit | Dil Fac | D | Method | Prep Type            |
|------------|--------|-----------|------|-------|------|---------|---|--------|----------------------|
| Chloroform | 0.94   | J         | 1.0  | 0.30  | ug/L | 1       |   | 8260D  | Total/NA             |
| Manganese  | 0.96   | J         | 2.0  | 0.95  | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Sodium     | 230    |           | 200  | 90    | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Mercury    | 0.080  | J         | 0.20 | 0.079 | ug/L | 1       |   | 7470A  | Total/NA             |

### Client Sample ID: TB2-20230814

Lab Sample ID: 410-139126-10

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC



# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-4 (0-0.25)

Lab Sample ID: 410-139126-1

Date Collected: 08/14/23 14:35

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 63.7

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     | F1        | 8.4 | 1.0  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| 1,1,2-Trichloroethane    | ND     | F1        | 8.4 | 0.84 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| 1,1-Dichloroethene       | ND     |           | 8.4 | 0.84 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| 1,2,4-Trichlorobenzene   | ND     | F1        | 17  | 8.4  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| 1,2-Dichlorobenzene      | ND     | F2 F1     | 8.4 | 1.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| 1,2-Dichloroethane       | ND     | F1        | 8.4 | 1.0  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| 1,2-Dichloropropane      | ND     | F1        | 8.4 | 0.84 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| 1,4-Dichlorobenzene      | ND     | F2 F1     | 8.4 | 1.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Benzene                  | ND     | F1        | 8.4 | 0.84 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Bromodichloromethane     | ND     | F1        | 8.4 | 1.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Bromoform                | ND     | F1        | 17  | 8.4  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Carbon tetrachloride     | ND     | F1        | 8.4 | 1.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Chlorobenzene            | ND     | F2 F1     | 8.4 | 1.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Chloroform               | ND     | F1        | 8.4 | 1.0  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| cis-1,2-Dichloroethene   | ND     | F1        | 8.4 | 0.84 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Dibromochloromethane     | ND     | F1        | 8.4 | 0.84 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Ethylbenzene             | ND     | F2 F1     | 8.4 | 1.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| m&p-Xylene               | ND     | F2 F1     | 8.4 | 3.4  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Methylene Chloride       | ND     | F1        | 8.4 | 3.4  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| o-Xylene                 | ND     | F2 F1     | 8.4 | 1.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Styrene                  | ND     | F2 F1     | 8.4 | 1.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Tetrachloroethene        | ND     | F1        | 8.4 | 1.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Toluene                  | ND     | F1        | 8.4 | 1.0  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| trans-1,2-Dichloroethene | ND     | F1        | 8.4 | 0.84 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Trichloroethene          | ND     | F1        | 8.4 | 0.84 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Vinyl chloride           | ND     |           | 8.4 | 1.0  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 12:30 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Unknown                         | 14          | T J       | ug/Kg | ☼ | 2.24  | N/A      | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Acetone                         | 9.0         | T J N     | ug/Kg | ☼ | 3.41  | 67-64-1  | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Pentanal                        | 18          | T J N     | ug/Kg | ☼ | 8.38  | 110-62-3 | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Cyclotrisiloxane, hexamethyl-   | 77          | T J N B   | ug/Kg | ☼ | 10.06 | 541-05-9 | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Hexanal                         | 65          | T J N     | ug/Kg | ☼ | 10.45 | 66-25-1  | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Cyclotetrasiloxane, octamethyl- | 110         | T J N     | ug/Kg | ☼ | 12.10 | 556-67-2 | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Unknown                         | 12          | T J       | ug/Kg | ☼ | 13.42 | N/A      | 08/21/23 16:03 | 08/25/23 12:30 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 96        |           | 50 - 131 | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 50 - 141 | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 108       |           | 54 - 135 | 08/21/23 16:03 | 08/25/23 12:30 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 52 - 141 | 08/21/23 16:03 | 08/25/23 12:30 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 57 | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 68 | 31  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 57 | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 57 | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 68 | 31  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 57 | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-4 (0-0.25)

Lab Sample ID: 410-139126-1

Date Collected: 08/14/23 14:35

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 63.7

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 2,4-Dinitrophenol           | ND     | F1        | 1600 | 260 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2,4-Dinitrotoluene          | ND     | F1        | 260  | 52  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2,6-Dinitrotoluene          | ND     | F1        | 57   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2-Chloronaphthalene         | ND     |           | 52   | 21  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2-Chlorophenol              | ND     |           | 57   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2-Methylnaphthalene         | ND     |           | 26   | 7.8 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2-Methylphenol              | ND     |           | 78   | 31  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2-Nitroaniline              | ND     |           | 78   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2-Nitrophenol               | ND     | F1 F2     | 78   | 31  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 3,3'-Dichlorobenzidine      | ND     | F1 F2     | 260  | 52  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 3-Nitroaniline              | ND     | F1 F2     | 260  | 52  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     | F1 F2     | 780  | 260 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 57   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 78   | 31  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 4-Chloroaniline             | ND     | F1        | 260  | 52  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 57   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 4-Methylphenol              | 43     | J         | 78   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 4-Nitroaniline              | ND     | F1 F2     | 260  | 52  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 4-Nitrophenol               | ND     |           | 780  | 260 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Acenaphthene                | ND     |           | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Acenaphthylene              | ND     |           | 26   | 6.3 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Acetophenone                | ND     |           | 78   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Anthracene                  | ND     |           | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Atrazine                    | ND     | F2        | 260  | 100 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Benzaldehyde                | 200    | J         | 260  | 52  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Benzo[a]anthracene          | 15     | J         | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Benzo[a]pyrene              | ND     |           | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Benzo[b]fluoranthene        | 37     |           | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Benzo[g,h,i]perylene        | 57     |           | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Benzo[k]fluoranthene        | 17     | J         | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Butyl benzyl phthalate      | ND     |           | 260  | 100 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Caprolactam                 | ND     |           | 260  | 52  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Carbazole                   | ND     |           | 57   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Chrysene                    | 26     |           | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Di-n-butyl phthalate        | ND     |           | 260  | 100 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Di-n-octyl phthalate        | ND     |           | 260  | 100 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Dibenz(a,h)anthracene       | 27     |           | 26   | 10  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Dibenzofuran                | ND     |           | 57   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Diethyl phthalate           | ND     |           | 260  | 100 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Dimethyl phthalate          | ND     |           | 260  | 100 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Fluoranthene                | 25     | J         | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Fluorene                    | ND     |           | 26   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Hexachlorobenzene           | ND     |           | 26   | 10  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Hexachlorobutadiene         | ND     |           | 78   | 31  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Hexachlorocyclopentadiene   | ND     | F1 cn     | 780  | 260 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Hexachloroethane            | ND     | F1 F2     | 260  | 52  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Indeno[1,2,3-cd]pyrene      | 40     |           | 26   | 6.3 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Isophorone                  | ND     |           | 100  | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 100  | 52  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-4 (0-0.25)

Lab Sample ID: 410-139126-1

Date Collected: 08/14/23 14:35

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 63.7

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| N-Nitrosodiphenylamine      | ND     | F1        | 57  | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Naphthalene                 | ND     |           | 26  | 10  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Nitrobenzene                | ND     |           | 57  | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Pentachlorophenol           | ND     |           | 260 | 100 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Phenanthrene                | 14     | J         | 26  | 6.3 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Phenol                      | ND     |           | 57  | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Pyrene                      | 19     | J         | 26  | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 57  | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 57  | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 260 | 100 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 17:37 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.   | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|-----------|----------------|----------------|---------|
| Unknown                         | 1000        | T J       | ug/Kg | ✱ | 2.00  | N/A       | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Unknown                         | 2900        | T J B     | ug/Kg | ✱ | 2.83  | N/A       | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Benzeneacetic acid              | 1200        | T J N     | ug/Kg | ✱ | 6.26  | 103-82-2  | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Vanillin                        | 1200        | T J N     | ug/Kg | ✱ | 7.09  | 121-33-5  | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Unknown                         | 2100        | T J       | ug/Kg | ✱ | 8.75  | N/A       | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Unknown                         | 1800        | T J       | ug/Kg | ✱ | 9.09  | N/A       | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Unknown                         | 1500        | T J       | ug/Kg | ✱ | 9.62  | N/A       | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| n-Hexadecanoic acid             | 1300        | T J N     | ug/Kg | ✱ | 9.67  | 57-10-3   | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Unknown                         | 1200        | T J       | ug/Kg | ✱ | 12.19 | N/A       | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Triacontane                     | 2500        | T J N     | ug/Kg | ✱ | 13.42 | 638-68-6  | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Ergost-5-en-3-ol, (3.beta.)-    | 1200        | T J N     | ug/Kg | ✱ | 13.86 | 4651-51-8 | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Stigmasterol                    | 1400        | T J N     | ug/Kg | ✱ | 13.94 | 83-48-7   | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| .gamma.-Sitosterol              | 3700        | T J N     | ug/Kg | ✱ | 14.13 | 83-47-6   | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Unknown                         | 1200        | T J       | ug/Kg | ✱ | 14.34 | N/A       | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Unknown                         | 1300        | T J       | ug/Kg | ✱ | 14.44 | N/A       | 08/22/23 16:49 | 08/23/23 17:37 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 69        |           | 10 - 138 | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2-Fluorobiphenyl (Surr)     | 65        |           | 37 - 120 | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| 2-Fluorophenol (Surr)       | 60        |           | 22 - 120 | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Nitrobenzene-d5 (Surr)      | 71        |           | 26 - 120 | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| p-Terphenyl-d14 (Surr)      | 81        |           | 40 - 133 | 08/22/23 16:49 | 08/23/23 17:37 | 1       |
| Phenol-d5 (Surr)            | 60        |           | 27 - 120 | 08/22/23 16:49 | 08/23/23 17:37 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 26     |           | 7.8 | 3.1 | mg/Kg | ✱ | 08/16/23 19:28 | 08/17/23 09:10 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 46000  | ^2        | 160  | 77    | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 10:38 | 10      |
| Antimony  | 0.14   | J F1      | 0.31 | 0.12  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Arsenic   | 4.6    |           | 0.62 | 0.21  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Barium    | 420    | F2        | 3.1  | 1.4   | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:45 | 10      |
| Beryllium | 1.9    |           | 0.16 | 0.037 | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Cadmium   | 0.63   | ^5-       | 0.16 | 0.062 | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Calcium   | 10000  |           | 62   | 30    | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Chromium  | 54     | F1        | 0.62 | 0.30  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-4 (0-0.25)

Lab Sample ID: 410-139126-1

Date Collected: 08/14/23 14:35

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 63.7

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Cobalt    | 11     |           | 0.31 | 0.12  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Copper    | 35     | F1        | 0.62 | 0.28  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Iron      | 41000  | F2        | 160  | 72    | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:45 | 10      |
| Lead      | 15     | F1        | 0.31 | 0.12  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Magnesium | 8300   |           | 16   | 7.6   | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Manganese | 850    |           | 0.62 | 0.31  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Nickel    | 38     | F1        | 0.62 | 0.30  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Potassium | 6400   | F2        | 62   | 25    | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Selenium  | 0.69   |           | 0.62 | 0.16  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Silver    | 0.20   |           | 0.16 | 0.063 | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Sodium    | 130    |           | 78   | 37    | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 10:36 | 2       |
| Thallium  | 0.35   |           | 0.16 | 0.061 | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Zinc      | 120    | F1        | 47   | 6.2   | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |
| Vanadium  | 66     | F1        | 1.2  | 0.31  | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 00:43 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.097  |           | 0.088 | 0.029 | mg/Kg | ✱ | 08/16/23 21:34 | 08/17/23 10:21 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 36.3   |           | 1.0 | 1.0 | %    |   |          | 08/17/23 06:40 | 1       |

Client Sample ID: SS-4 (0.75-1)

Lab Sample ID: 410-139126-2

Date Collected: 08/14/23 14:55

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 67.2

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 7.3 | 0.87 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 7.3 | 0.73 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| 1,1-Dichloroethene     | ND     |           | 7.3 | 0.73 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 15  | 7.3  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 7.3 | 1.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| 1,2-Dichloroethane     | ND     |           | 7.3 | 0.87 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| 1,2-Dichloropropane    | ND     |           | 7.3 | 0.73 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 7.3 | 1.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Benzene                | ND     |           | 7.3 | 0.73 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Bromodichloromethane   | ND     |           | 7.3 | 1.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Bromoform              | ND     |           | 15  | 7.3  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Carbon tetrachloride   | ND     |           | 7.3 | 1.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Chlorobenzene          | ND     |           | 7.3 | 1.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Chloroform             | ND     |           | 7.3 | 0.87 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| cis-1,2-Dichloroethene | ND     |           | 7.3 | 0.73 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Dibromochloromethane   | ND     |           | 7.3 | 0.73 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Ethylbenzene           | ND     |           | 7.3 | 1.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| m&p-Xylene             | ND     |           | 7.3 | 2.9  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Methylene Chloride     | ND     |           | 7.3 | 2.9  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| o-Xylene               | ND     |           | 7.3 | 1.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Styrene                | ND     |           | 7.3 | 1.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-4 (0.75-1)

Lab Sample ID: 410-139126-2

Date Collected: 08/14/23 14:55

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 67.2

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Tetrachloroethene        | ND     |           | 7.3 | 1.0  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Toluene                  | ND     |           | 7.3 | 0.87 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 7.3 | 0.73 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Trichloroethene          | ND     |           | 7.3 | 0.73 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Vinyl chloride           | ND     |           | 7.3 | 0.87 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 13:38 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Acetone                         | 7.9         | T J N     | ug/Kg | ☼ | 3.43  | 67-64-1  | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Cyclotrisiloxane, hexamethyl-   | 15          | T J N     | ug/Kg | ☼ | 10.06 | 541-05-9 | 08/21/23 16:03 | 08/25/23 13:38 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 96        |           | 50 - 131 | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 50 - 141 | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 54 - 135 | 08/21/23 16:03 | 08/25/23 13:38 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 52 - 141 | 08/21/23 16:03 | 08/25/23 13:38 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 54   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     | cn        | 64   | 29  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 54   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 54   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 64   | 29  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 54   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1500 | 240 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 240  | 49  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 54   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2-Chloronaphthalene          | ND     |           | 49   | 20  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2-Chlorophenol               | ND     |           | 54   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2-Methylnaphthalene          | 18     | J         | 24   | 7.3 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2-Methylphenol               | ND     |           | 73   | 29  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2-Nitroaniline               | ND     |           | 73   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2-Nitrophenol                | ND     |           | 73   | 29  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 240  | 49  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 3-Nitroaniline               | ND     |           | 240  | 49  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 730  | 240 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 54   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 73   | 29  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 4-Chloroaniline              | ND     |           | 240  | 49  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 54   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 4-Methylphenol               | ND     |           | 73   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 4-Nitroaniline               | ND     |           | 240  | 49  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 4-Nitrophenol                | ND     |           | 730  | 240 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Acenaphthene                 | ND     |           | 24   | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Acenaphthylene               | ND     |           | 24   | 5.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Acetophenone                 | ND     |           | 73   | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Anthracene                   | ND     |           | 24   | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Atrazine                     | ND     | cn        | 240  | 98  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Benzaldehyde                 | 75     | J         | 240  | 49  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Benzo[a]anthracene           | ND     |           | 24   | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-4 (0.75-1)

Lab Sample ID: 410-139126-2

Date Collected: 08/14/23 14:55

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 67.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Benzo[a]pyrene              | ND     |           | 24  | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 24  | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 24  | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 24  | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Butyl benzyl phthalate      | ND     |           | 240 | 98  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Caprolactam                 | ND     | cn        | 240 | 49  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Carbazole                   | ND     |           | 54  | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Chrysene                    | 5.3    | J         | 24  | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Di-n-butyl phthalate        | ND     |           | 240 | 98  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Di-n-octyl phthalate        | ND     |           | 240 | 98  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Dibenz[a,h]anthracene       | ND     |           | 24  | 9.8 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Dibenzofuran                | ND     |           | 54  | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Diethyl phthalate           | ND     |           | 240 | 98  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Dimethyl phthalate          | ND     |           | 240 | 98  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Fluoranthene                | ND     |           | 24  | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Fluorene                    | ND     |           | 24  | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Hexachlorobenzene           | ND     |           | 24  | 9.8 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Hexachlorobutadiene         | ND     |           | 73  | 29  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Hexachlorocyclopentadiene   | ND     | cn        | 730 | 240 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Hexachloroethane            | ND     |           | 240 | 49  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 24  | 5.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Isophorone                  | ND     |           | 98  | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 98  | 49  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 54  | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Naphthalene                 | 13     | J         | 24  | 9.8 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Nitrobenzene                | ND     |           | 54  | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Pentachlorophenol           | ND     | cn        | 240 | 98  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Phenanthrene                | 8.6    | J         | 24  | 5.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Phenol                      | ND     |           | 54  | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Pyrene                      | 5.8    | J         | 24  | 4.9 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 54  | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 54  | 24  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 240 | 98  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 21:54 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                         | 3200        | T J       | ug/Kg | ☼ | 2.75  | N/A        | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Unknown                         | 14000       | T J       | ug/Kg | ☼ | 3.45  | N/A        | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Unknown                         | 970         | T J       | ug/Kg | ☼ | 4.22  | N/A        | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Unknown                         | 650         | T J       | ug/Kg | ☼ | 5.76  | N/A        | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Unknown                         | 650         | T J       | ug/Kg | ☼ | 10.05 | N/A        | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| n-Hexadecanoic acid             | 1200        | T J N     | ug/Kg | ☼ | 10.09 | 57-10-3    | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Unknown                         | 710         | T J       | ug/Kg | ☼ | 11.52 | N/A        | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Cyclotetradecane                | 3500        | T J N     | ug/Kg | ☼ | 12.66 | 295-17-0   | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Unknown                         | 940         | T J       | ug/Kg | ☼ | 12.89 | N/A        | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Cyclotetracosane                | 2000        | T J N     | ug/Kg | ☼ | 13.32 | 297-03-0   | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Heneicosane, 11-pentyl-         | 1000        | T J N     | ug/Kg | ☼ | 13.93 | 14739-72-1 | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Unknown                         | 760         | T J       | ug/Kg | ☼ | 13.96 | N/A        | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| .gamma.-Sitosterol              | 1000        | T J N     | ug/Kg | ☼ | 14.79 | 83-47-6    | 08/22/23 16:49 | 08/23/23 21:54 | 1       |

Eurolins Lancaster Laboratories Environment Testing, LLC

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Lab Sample ID: 410-139126-2

Date Collected: 08/14/23 14:55

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 67.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound                                   | Est. Result | Qualifier | Unit     | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------------------------------------|-------------|-----------|----------|---|-------|------------|----------------|----------------|---------|
| Isoquinoline,<br>1,2,3,4-tetrahydro-7-methoxy-2-methyl-8-(phenyl) | 710         | T J N     | ug/Kg    | ☼ | 14.85 | 36646-87-4 | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Unknown                                                           | 620         | T J       | ug/Kg    | ☼ | 15.18 | N/A        | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Surrogate                                                         | %Recovery   | Qualifier | Limits   |   |       |            | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)                                       | 65          |           | 10 - 138 |   |       |            | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2-Fluorobiphenyl (Surr)                                           | 65          |           | 37 - 120 |   |       |            | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| 2-Fluorophenol (Surr)                                             | 56          |           | 22 - 120 |   |       |            | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Nitrobenzene-d5 (Surr)                                            | 62          |           | 26 - 120 |   |       |            | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| p-Terphenyl-d14 (Surr)                                            | 81          |           | 40 - 133 |   |       |            | 08/22/23 16:49 | 08/23/23 21:54 | 1       |
| Phenol-d5 (Surr)                                                  | 60          |           | 27 - 120 |   |       |            | 08/22/23 16:49 | 08/23/23 21:54 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Lithium | 40     |           | 15 | 5.9 | mg/Kg | ☼ | 08/16/23 19:28 | 08/17/23 10:52 | 2       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 68000  | ^2        | 150  | 73    | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:03 | 10      |
| Antimony  | ND     |           | 0.29 | 0.12  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Arsenic   | 6.2    |           | 0.59 | 0.20  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Barium    | 630    | ^2        | 2.9  | 1.3   | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:03 | 10      |
| Beryllium | 3.1    |           | 0.15 | 0.035 | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Cadmium   | 0.63   |           | 0.15 | 0.059 | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Calcium   | 10000  |           | 59   | 29    | mg/Kg | ☼ | 08/16/23 19:28 | 08/21/23 11:32 | 2       |
| Chromium  | 83     |           | 0.59 | 0.28  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Cobalt    | 18     | ^2        | 0.29 | 0.12  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Copper    | 60     | ^2        | 0.59 | 0.27  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Iron      | 54000  | ^2        | 150  | 68    | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:03 | 10      |
| Lead      | 17     |           | 0.29 | 0.11  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Magnesium | 13000  |           | 15   | 7.2   | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Manganese | 1100   | ^2        | 0.59 | 0.29  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Nickel    | 64     |           | 0.59 | 0.28  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Potassium | 10000  |           | 59   | 24    | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Selenium  | 0.37   | J         | 0.59 | 0.15  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Silver    | 0.29   |           | 0.15 | 0.060 | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Sodium    | 190    |           | 74   | 35    | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Thallium  | 0.59   |           | 0.15 | 0.058 | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Zinc      | 170    |           | 44   | 5.9   | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |
| Vanadium  | 99     |           | 1.2  | 0.29  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 18:01 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.11   |           | 0.088 | 0.029 | mg/Kg | ☼ | 08/16/23 21:34 | 08/17/23 11:14 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 32.8   |           | 1.0 | 1.0 | %    |   |          | 08/17/23 06:40 | 1       |

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-11 (0-0.25)

Lab Sample ID: 410-139126-3

Date Collected: 08/14/23 15:40

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 75.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     | F1        | 5.4 | 0.65 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| 1,1,2-Trichloroethane    | ND     | F1        | 5.4 | 0.54 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| 1,1-Dichloroethene       | ND     | F1        | 5.4 | 0.54 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| 1,2,4-Trichlorobenzene   | ND     | F1        | 11  | 5.4  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| 1,2-Dichlorobenzene      | ND     | F2 F1     | 5.4 | 0.76 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| 1,2-Dichloroethane       | ND     | F1        | 5.4 | 0.65 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| 1,2-Dichloropropane      | ND     | F1        | 5.4 | 0.54 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| 1,4-Dichlorobenzene      | ND     | F2 F1     | 5.4 | 0.76 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Benzene                  | ND     | F1        | 5.4 | 0.54 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Bromodichloromethane     | ND     | F1        | 5.4 | 0.76 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Bromoform                | ND     | F1        | 11  | 5.4  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Carbon tetrachloride     | ND     | F1        | 5.4 | 0.76 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Chlorobenzene            | ND     | F2 F1     | 5.4 | 0.76 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Chloroform               | ND     | F1        | 5.4 | 0.65 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| cis-1,2-Dichloroethene   | ND     | F1        | 5.4 | 0.54 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Dibromochloromethane     | ND     | F1        | 5.4 | 0.54 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Ethylbenzene             | ND     | F1        | 5.4 | 0.76 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| m&p-Xylene               | ND     | F2 F1     | 5.4 | 2.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Methylene Chloride       | ND     | F1        | 5.4 | 2.2  | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| o-Xylene                 | ND     | F2 F1     | 5.4 | 0.76 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Styrene                  | ND     | F2 F1     | 5.4 | 0.76 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Tetrachloroethene        | ND     | F1        | 5.4 | 0.76 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Toluene                  | ND     | F1        | 5.4 | 0.65 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| trans-1,2-Dichloroethene | ND     | F1        | 5.4 | 0.54 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Trichloroethene          | ND     | F1        | 5.4 | 0.54 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Vinyl chloride           | ND     |           | 5.4 | 0.65 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 14:01 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Unknown                         | 18          | T J       | ug/Kg | ☼ | 2.11  | N/A      | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Unknown                         | 21          | T J       | ug/Kg | ☼ | 2.24  | N/A      | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Pentane                         | 15          | T J N     | ug/Kg | ☼ | 2.91  | 109-66-0 | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Propanal                        | 7.1         | T J N     | ug/Kg | ☼ | 3.34  | 123-38-6 | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Acetone                         | 6.5         | T J N     | ug/Kg | ☼ | 3.42  | 67-64-1  | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Pentanal                        | 14          | T J N     | ug/Kg | ☼ | 8.38  | 110-62-3 | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Unknown                         | 13          | T J B     | ug/Kg | ☼ | 10.06 | N/A      | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Hexanal                         | 65          | T J N     | ug/Kg | ☼ | 10.45 | 66-25-1  | 08/21/23 16:03 | 08/25/23 14:01 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 95        |           | 50 - 131 | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 50 - 141 | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 54 - 135 | 08/21/23 16:03 | 08/25/23 14:01 | 1       |
| Toluene-d8 (Surr)            | 97        |           | 52 - 141 | 08/21/23 16:03 | 08/25/23 14:01 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 48 | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 57 | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 48 | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 48 | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 57 | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |

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Lab Sample ID: 410-139126-3

Date Collected: 08/14/23 15:40

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 75.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 2,4-Dimethylphenol          | ND     |           | 48   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2,4-Dinitrophenol           | ND     |           | 1300 | 220 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2,4-Dinitrotoluene          | ND     |           | 220  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2,6-Dinitrotoluene          | ND     |           | 48   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2-Chloronaphthalene         | ND     |           | 44   | 17  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2-Chlorophenol              | ND     |           | 48   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2-Methylnaphthalene         | ND     |           | 22   | 6.6 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2-Methylphenol              | ND     |           | 66   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2-Nitroaniline              | ND     |           | 66   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2-Nitrophenol               | ND     |           | 66   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 3,3'-Dichlorobenzidine      | ND     | F2 F1     | 220  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 3-Nitroaniline              | ND     | F2 F1     | 220  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 660  | 220 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 48   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 66   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 4-Chloroaniline             | ND     | F2 F1     | 220  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 48   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 4-Methylphenol              | ND     |           | 66   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 4-Nitroaniline              | ND     | F2 F1     | 220  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 4-Nitrophenol               | ND     |           | 660  | 220 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Acenaphthene                | ND     |           | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Acenaphthylene              | ND     |           | 22   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Acetophenone                | ND     |           | 66   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Anthracene                  | ND     |           | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Atrazine                    | ND     |           | 220  | 87  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Benzaldehyde                | ND     |           | 220  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Benzo[a]anthracene          | 13     | J         | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Benzo[a]pyrene              | ND     |           | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Benzo[b]fluoranthene        | 34     |           | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Benzo[g,h,i]perylene        | 66     |           | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Benzo[k]fluoranthene        | 24     |           | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Butyl benzyl phthalate      | ND     |           | 220  | 87  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Caprolactam                 | ND     |           | 220  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Carbazole                   | ND     |           | 48   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Chrysene                    | 18     | J         | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Di-n-butyl phthalate        | ND     |           | 220  | 87  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Di-n-octyl phthalate        | ND     |           | 220  | 87  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Dibenz(a,h)anthracene       | 51     |           | 22   | 8.7 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Dibenzofuran                | ND     |           | 48   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Diethyl phthalate           | ND     |           | 220  | 87  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Dimethyl phthalate          | ND     |           | 220  | 87  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Fluoranthene                | 18     | J         | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Fluorene                    | ND     |           | 22   | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Hexachlorobenzene           | ND     |           | 22   | 8.7 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Hexachlorobutadiene         | ND     |           | 66   | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Hexachlorocyclopentadiene   | ND     | F1 cn     | 660  | 220 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Hexachloroethane            | ND     | F2 F1     | 220  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Indeno[1,2,3-cd]pyrene      | 70     |           | 22   | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Isophorone                  | ND     |           | 87   | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-11 (0-0.25)

Lab Sample ID: 410-139126-3

Date Collected: 08/14/23 15:40

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 75.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| N-Nitrosodi-n-propylamine   | ND     |           | 87  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Naphthalene                 | ND     |           | 22  | 8.7 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Nitrobenzene                | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Pentachlorophenol           | ND     |           | 220 | 87  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Phenanthrene                | 10     | J         | 22  | 5.2 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Phenol                      | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Pyrene                      | 14     | J         | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 220 | 87  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 18:45 | 1       |

| Tentatively Identified Compound                 | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                                         | 3100        | T J B     | ug/Kg | ✱ | 2.82  | N/A        | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Unknown                                         | 1300        | T J B     | ug/Kg | ✱ | 3.70  | N/A        | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| n-Hexadecanoic acid                             | 1300        | T J N     | ug/Kg | ✱ | 9.67  | 57-10-3    | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 1-Heneicosyl formate                            | 1900        | T J N     | ug/Kg | ✱ | 12.20 | 77899-03-7 | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Cyclotetradecane                                | 4100        | T J N     | ug/Kg | ✱ | 12.82 | 295-17-0   | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Dotriacontane                                   | 3000        | T J N     | ug/Kg | ✱ | 13.43 | 544-85-4   | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Unknown                                         | 1200        | T J       | ug/Kg | ✱ | 13.87 | N/A        | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| .gamma.-Sitosterol                              | 3200        | T J N     | ug/Kg | ✱ | 14.14 | 83-47-6    | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Unknown                                         | 1100        | T J       | ug/Kg | ✱ | 14.19 | N/A        | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Unknown                                         | 1600        | T J       | ug/Kg | ✱ | 14.29 | N/A        | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Unknown                                         | 1700        | T J       | ug/Kg | ✱ | 14.35 | N/A        | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| D-Glucose, 6-acetamido-6-deoxy-, diethyl acetal | 1800        | T J N     | ug/Kg | ✱ | 14.45 | 3509-37-3  | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Stigmast-4-en-3-one                             | 1700        | T J N     | ug/Kg | ✱ | 14.58 | 1058-61-3  | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Unknown                                         | 1100        | T J       | ug/Kg | ✱ | 14.70 | N/A        | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Unknown                                         | 1300        | T J       | ug/Kg | ✱ | 14.82 | N/A        | 08/22/23 16:49 | 08/23/23 18:45 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 71        |           | 10 - 138 | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2-Fluorobiphenyl (Surr)     | 58        |           | 37 - 120 | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| 2-Fluorophenol (Surr)       | 54        |           | 22 - 120 | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 26 - 120 | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| p-Terphenyl-d14 (Surr)      | 74        |           | 40 - 133 | 08/22/23 16:49 | 08/23/23 18:45 | 1       |
| Phenol-d5 (Surr)            | 56        |           | 27 - 120 | 08/22/23 16:49 | 08/23/23 18:45 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Lithium | 30     | F2        | 13 | 5.1 | mg/Kg | ✱ | 08/16/23 19:52 | 08/17/23 10:59 | 2       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 33000  | ^2        | 130  | 63    | mg/Kg | ✱ | 08/16/23 19:52 | 08/22/23 13:36 | 10      |
| Antimony  | ND     | F1 F2     | 0.26 | 0.10  | mg/Kg | ✱ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Arsenic   | 4.5    | F2        | 0.51 | 0.17  | mg/Kg | ✱ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Barium    | 250    |           | 2.6  | 1.2   | mg/Kg | ✱ | 08/16/23 19:52 | 08/22/23 13:36 | 10      |
| Beryllium | 1.4    | F2        | 0.13 | 0.031 | mg/Kg | ✱ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Cadmium   | 0.19   | F2        | 0.13 | 0.051 | mg/Kg | ✱ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Calcium   | 8900   | F2        | 51   | 25    | mg/Kg | ✱ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-11 (0-0.25)

Lab Sample ID: 410-139126-3

Date Collected: 08/14/23 15:40

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 75.0

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Chromium  | 51     |           | 0.51 | 0.24  | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Cobalt    | 18     |           | 0.26 | 0.10  | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Copper    | 27     |           | 0.51 | 0.23  | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Iron      | 38000  | ^2        | 130  | 59    | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:36 | 10      |
| Lead      | 18     | F1        | 0.26 | 0.097 | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Magnesium | 11000  |           | 13   | 6.3   | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Manganese | 950    |           | 0.51 | 0.26  | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Nickel    | 34     |           | 0.51 | 0.24  | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Potassium | 7100   |           | 51   | 21    | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Selenium  | 0.27   | J F2      | 0.51 | 0.13  | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Silver    | 0.059  | J F2      | 0.13 | 0.052 | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Sodium    | 430    | F1 F2     | 64   | 31    | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Thallium  | 0.38   | F2        | 0.13 | 0.050 | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Zinc      | 100    |           | 38   | 5.1   | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |
| Vanadium  | 81     |           | 1.0  | 0.26  | mg/Kg | ☆ | 08/16/23 19:52 | 08/22/23 13:34 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.065  | J         | 0.077 | 0.026 | mg/Kg | ☆ | 08/16/23 22:02 | 08/17/23 11:42 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 25.0   |           | 1.0 | 1.0 | %    |   |          | 08/17/23 06:40 | 1       |

Client Sample ID: SS-11 (0.75-1)

Lab Sample ID: 410-139126-4

Date Collected: 08/14/23 15:55

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 75.5

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 5.1 | 0.62 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 5.1 | 0.51 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| 1,1-Dichloroethene     | ND     |           | 5.1 | 0.51 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 10  | 5.1  | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 5.1 | 0.72 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| 1,2-Dichloroethane     | ND     |           | 5.1 | 0.62 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| 1,2-Dichloropropane    | ND     |           | 5.1 | 0.51 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 5.1 | 0.72 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Benzene                | ND     |           | 5.1 | 0.51 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Bromodichloromethane   | ND     |           | 5.1 | 0.72 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Bromoform              | ND     |           | 10  | 5.1  | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Carbon tetrachloride   | ND     |           | 5.1 | 0.72 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Chlorobenzene          | ND     |           | 5.1 | 0.72 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Chloroform             | ND     |           | 5.1 | 0.62 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| cis-1,2-Dichloroethene | ND     |           | 5.1 | 0.51 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Dibromochloromethane   | ND     |           | 5.1 | 0.51 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Ethylbenzene           | ND     |           | 5.1 | 0.72 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| m&p-Xylene             | ND     |           | 5.1 | 2.1  | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Methylene Chloride     | ND     |           | 5.1 | 2.1  | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| o-Xylene               | ND     |           | 5.1 | 0.72 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-11 (0.75-1)

Lab Sample ID: 410-139126-4

Date Collected: 08/14/23 15:55

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 75.5

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Styrene                  | ND     |           | 5.1 | 0.72 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Tetrachloroethene        | ND     |           | 5.1 | 0.72 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Toluene                  | ND     |           | 5.1 | 0.62 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 5.1 | 0.51 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Trichloroethene          | ND     |           | 5.1 | 0.51 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Vinyl chloride           | ND     |           | 5.1 | 0.62 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:09 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Acetone                         | 9.6         | T J N     | ug/Kg | ☼ | 3.43  | 67-64-1 | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Hexanal                         | 11          | T J N     | ug/Kg | ☼ | 10.45 | 66-25-1 | 08/21/23 16:03 | 08/25/23 15:09 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 97        |           | 50 - 131 | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Dibromofluoromethane (Surr)  | 98        |           | 50 - 141 | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 54 - 135 | 08/21/23 16:03 | 08/25/23 15:09 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 52 - 141 | 08/21/23 16:03 | 08/25/23 15:09 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 48   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     | cn        | 57   | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 48   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 48   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 57   | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 48   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1300 | 220 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 48   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2-Chloronaphthalene          | ND     |           | 44   | 18  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2-Chlorophenol               | ND     |           | 48   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2-Methylnaphthalene          | ND     |           | 22   | 6.6 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2-Methylphenol               | ND     |           | 66   | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2-Nitroaniline               | ND     |           | 66   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2-Nitrophenol                | ND     |           | 66   | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 3-Nitroaniline               | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 660  | 220 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 48   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 66   | 26  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 4-Chloroaniline              | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 48   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 4-Methylphenol               | ND     |           | 66   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 4-Nitroaniline               | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 4-Nitrophenol                | ND     |           | 660  | 220 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Acenaphthene                 | ND     |           | 22   | 4.4 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Acenaphthylene               | ND     |           | 22   | 5.3 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Acetophenone                 | 28     | J         | 66   | 22  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Anthracene                   | 4.7    | J         | 22   | 4.4 | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Atrazine                     | ND     | cn        | 220  | 88  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Benzaldehyde                 | 47     | J         | 220  | 44  | ug/Kg | ☼ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-11 (0.75-1)

Lab Sample ID: 410-139126-4

Date Collected: 08/14/23 15:55

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 75.5

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Benzo[a]anthracene          | 12     | J         | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Benzo[a]pyrene              | 13     | J         | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Benzo[b]fluoranthene        | 18     | J         | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Benzo[g,h,i]perylene        | 11     | J         | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Benzo[k]fluoranthene        | 8.3    | J         | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Butyl benzyl phthalate      | ND     |           | 220 | 88  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Caprolactam                 | ND     | cn        | 220 | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Carbazole                   | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Chrysene                    | 21     | J         | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Di-n-butyl phthalate        | ND     |           | 220 | 88  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Di-n-octyl phthalate        | ND     |           | 220 | 88  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 22  | 8.8 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Dibenzofuran                | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Diethyl phthalate           | ND     |           | 220 | 88  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Dimethyl phthalate          | ND     |           | 220 | 88  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Fluoranthene                | 30     |           | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Fluorene                    | ND     |           | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Hexachlorobenzene           | ND     |           | 22  | 8.8 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Hexachlorobutadiene         | ND     |           | 66  | 26  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Hexachlorocyclopentadiene   | ND     | cn        | 660 | 220 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Hexachloroethane            | ND     |           | 220 | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Indeno[1,2,3-cd]pyrene      | 10     | J         | 22  | 5.3 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Isophorone                  | ND     |           | 88  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 88  | 44  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Naphthalene                 | 12     | J         | 22  | 8.8 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Nitrobenzene                | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Pentachlorophenol           | ND     | cn        | 220 | 88  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Phenanthrene                | 16     | J         | 22  | 5.3 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Phenol                      | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Pyrene                      | 26     |           | 22  | 4.4 | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 48  | 22  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 220 | 88  | ug/Kg | ✱ | 08/22/23 16:49 | 08/23/23 22:18 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.      | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|--------------|----------------|----------------|---------|
| Unknown                            | 4300        | T J       | ug/Kg | ✱ | 3.43  | N/A          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Unknown                            | 1100        | T J       | ug/Kg | ✱ | 3.66  | N/A          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Unknown                            | 980         | T J       | ug/Kg | ✱ | 4.22  | N/A          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Unknown                            | 800         | T J       | ug/Kg | ✱ | 5.77  | N/A          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Hexadecenoic acid, Z-11-           | 880         | T J N     | ug/Kg | ✱ | 10.06 | 2416-20-8    | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| n-Hexadecanoic acid                | 2000        | T J N     | ug/Kg | ✱ | 10.10 | 57-10-3      | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Octadec-9-enoic acid               | 2900        | T J N     | ug/Kg | ✱ | 10.79 | 1000190-13-7 | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Phosphonic acid, dioctadecyl ester | 2100        | T J N     | ug/Kg | ✱ | 12.00 | 19047-85-9   | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Docosanoic acid                    | 900         | T J N     | ug/Kg | ✱ | 12.24 | 112-85-6     | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Unknown                            | 820         | T J       | ug/Kg | ✱ | 12.34 | N/A          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 1-Heptadecene                      | 2000        | T J N     | ug/Kg | ✱ | 12.66 | 6765-39-5    | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Octadecanoic acid                  | 1500        | T J N     | ug/Kg | ✱ | 12.90 | 57-11-4      | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Cyclotetracosane                   | 2300        | T J N     | ug/Kg | ✱ | 13.32 | 297-03-0     | 08/22/23 16:49 | 08/23/23 22:18 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-11 (0.75-1)

Lab Sample ID: 410-139126-4

Date Collected: 08/14/23 15:55

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 75.5

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|----------|---|-------|----------|----------------|----------------|---------|
| Eicosane                        | 960         | T J N     | ug/Kg    | ⊛ | 13.93 | 112-95-8 | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Unknown                         | 1100        | T J       | ug/Kg    | ⊛ | 14.80 | N/A      | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Surrogate                       | %Recovery   | Qualifier | Limits   |   |       |          | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)     | 74          |           | 10 - 138 |   |       |          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2-Fluorobiphenyl (Surr)         | 68          |           | 37 - 120 |   |       |          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| 2-Fluorophenol (Surr)           | 60          |           | 22 - 120 |   |       |          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Nitrobenzene-d5 (Surr)          | 65          |           | 26 - 120 |   |       |          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| p-Terphenyl-d14 (Surr)          | 84          |           | 40 - 133 |   |       |          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |
| Phenol-d5 (Surr)                | 63          |           | 27 - 120 |   |       |          | 08/22/23 16:49 | 08/23/23 22:18 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Lithium | 32     |           | 13 | 5.3 | mg/Kg | ⊛ | 08/16/23 19:28 | 08/17/23 10:49 | 2       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 35000  | ^2        | 130  | 66    | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:59 | 10      |
| Antimony  | ND     |           | 0.26 | 0.11  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Arsenic   | 4.8    |           | 0.53 | 0.18  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Barium    | 220    | ^2        | 0.53 | 0.24  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Beryllium | 1.3    |           | 0.13 | 0.032 | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Cadmium   | 0.13   |           | 0.13 | 0.053 | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Calcium   | 2600   |           | 53   | 26    | mg/Kg | ⊛ | 08/16/23 19:28 | 08/21/23 11:30 | 2       |
| Chromium  | 50     |           | 0.53 | 0.25  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Cobalt    | 21     | ^2        | 0.26 | 0.11  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Copper    | 22     | ^2        | 0.53 | 0.24  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Iron      | 40000  | ^2        | 130  | 61    | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:59 | 10      |
| Lead      | 22     |           | 0.26 | 0.10  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Magnesium | 9500   |           | 13   | 6.5   | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Manganese | 980    | ^2        | 0.53 | 0.26  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Nickel    | 29     |           | 0.53 | 0.25  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Potassium | 5800   |           | 53   | 21    | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Selenium  | 0.34   | J         | 0.53 | 0.13  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Silver    | 0.077  | J         | 0.13 | 0.054 | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Sodium    | 180    |           | 66   | 32    | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Thallium  | 0.39   |           | 0.13 | 0.052 | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Zinc      | 100    |           | 40   | 5.3   | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |
| Vanadium  | 84     |           | 1.1  | 0.26  | mg/Kg | ⊛ | 08/16/23 19:28 | 08/20/23 17:57 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.043  | J         | 0.076 | 0.025 | mg/Kg | ⊛ | 08/16/23 21:34 | 08/17/23 11:10 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 24.5   |           | 1.0 | 1.0 | %    |   |          | 08/17/23 06:40 | 1       |

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-10 (0-0.25)

Lab Sample ID: 410-139126-5

Date Collected: 08/14/23 16:15

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 74.8

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 6.0 | 0.72 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 6.0 | 0.60 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| 1,1-Dichloroethene       | ND     |           | 6.0 | 0.60 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 12  | 6.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 6.0 | 0.84 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| 1,2-Dichloroethane       | ND     |           | 6.0 | 0.72 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| 1,2-Dichloropropane      | ND     |           | 6.0 | 0.60 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 6.0 | 0.84 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Benzene                  | ND     |           | 6.0 | 0.60 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Bromodichloromethane     | ND     |           | 6.0 | 0.84 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Bromoform                | ND     |           | 12  | 6.0  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Carbon tetrachloride     | ND     |           | 6.0 | 0.84 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Chlorobenzene            | ND     |           | 6.0 | 0.84 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Chloroform               | ND     |           | 6.0 | 0.72 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 6.0 | 0.60 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Dibromochloromethane     | ND     |           | 6.0 | 0.60 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Ethylbenzene             | ND     |           | 6.0 | 0.84 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| m&p-Xylene               | ND     |           | 6.0 | 2.4  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Methylene Chloride       | ND     |           | 6.0 | 2.4  | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| o-Xylene                 | ND     |           | 6.0 | 0.84 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Styrene                  | ND     |           | 6.0 | 0.84 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Tetrachloroethene        | ND     |           | 6.0 | 0.84 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Toluene                  | ND     |           | 6.0 | 0.72 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 6.0 | 0.60 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Trichloroethene          | ND     |           | 6.0 | 0.60 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Vinyl chloride           | ND     |           | 6.0 | 0.72 | ug/Kg | ✱ | 08/21/23 16:03 | 08/25/23 15:31 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Acetaldehyde                    | 13          | T J N     | ug/Kg | ✱ | 2.24  | 75-07-0  | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Acetone                         | 17          | T J N     | ug/Kg | ✱ | 3.41  | 67-64-1  | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Pentanal                        | 9.1         | T J N     | ug/Kg | ✱ | 8.38  | 110-62-3 | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Cyclotrisiloxane, hexamethyl-   | 7.7         | T J N B   | ug/Kg | ✱ | 10.06 | 541-05-9 | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Hexanal                         | 43          | T J N     | ug/Kg | ✱ | 10.45 | 66-25-1  | 08/21/23 16:03 | 08/25/23 15:31 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 94        |           | 50 - 131 | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Dibromofluoromethane (Surr)  | 98        |           | 50 - 141 | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 54 - 135 | 08/21/23 16:03 | 08/25/23 15:31 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 52 - 141 | 08/21/23 16:03 | 08/25/23 15:31 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 49   | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 58   | 27  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 49   | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2,4,6-Trichlorophenol        | ND     | cn        | 49   | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 58   | 27  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 49   | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2,4-Dinitrophenol            | ND     | cn        | 1300 | 220 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 220  | 44  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-10 (0-0.25)

Lab Sample ID: 410-139126-5

Date Collected: 08/14/23 16:15

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 74.8

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2,6-Dinitrotoluene          | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2-Chloronaphthalene         | ND     | cn        | 44  | 18  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2-Chlorophenol              | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2-Methylnaphthalene         | ND     |           | 22  | 6.7 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2-Methylphenol              | ND     |           | 67  | 27  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2-Nitroaniline              | ND     |           | 67  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2-Nitrophenol               | ND     |           | 67  | 27  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 220 | 44  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 3-Nitroaniline              | ND     |           | 220 | 44  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 670 | 220 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 4-Bromophenyl phenyl ether  | ND     | cn        | 49  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 67  | 27  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 4-Chloroaniline             | ND     |           | 220 | 44  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 4-Methylphenol              | ND     |           | 67  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 4-Nitroaniline              | ND     |           | 220 | 44  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 4-Nitrophenol               | ND     |           | 670 | 220 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Acenaphthene                | ND     |           | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Acenaphthylene              | ND     |           | 22  | 5.3 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Acetophenone                | ND     |           | 67  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Anthracene                  | ND     |           | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Atrazine                    | ND     |           | 220 | 89  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Benzaldehyde                | 67     | J         | 220 | 44  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Benzo[a]anthracene          | 6.0    | J         | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Benzo[a]pyrene              | ND     |           | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Butyl benzyl phthalate      | ND     |           | 220 | 89  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Caprolactam                 | ND     | cn        | 220 | 44  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Carbazole                   | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Chrysene                    | 11     | J         | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Di-n-butyl phthalate        | ND     |           | 220 | 89  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Di-n-octyl phthalate        | ND     |           | 220 | 89  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 22  | 8.9 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Dibenzofuran                | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Diethyl phthalate           | ND     |           | 220 | 89  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Dimethyl phthalate          | ND     |           | 220 | 89  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Fluoranthene                | 17     | J         | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Fluorene                    | ND     |           | 22  | 4.4 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Hexachlorobenzene           | ND     |           | 22  | 8.9 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Hexachlorobutadiene         | ND     | cn        | 67  | 27  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 670 | 220 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Hexachloroethane            | ND     |           | 220 | 44  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 22  | 5.3 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Isophorone                  | ND     |           | 89  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 89  | 44  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Naphthalene                 | ND     |           | 22  | 8.9 | ug/Kg | ✱ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-10 (0-0.25)

Lab Sample ID: 410-139126-5

Date Collected: 08/14/23 16:15

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 74.8

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Nitrobenzene                | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Pentachlorophenol           | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Phenanthrene                | ND     |           | 22  | 5.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Phenol                      | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Pyrene                      | 14     | J         | 22  | 4.4 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:22 | 1       |

| Tentatively Identified Compound                                 | Est. Result | Qualifier | Unit  | D | RT    | CAS No.      | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------------------------------|-------------|-----------|-------|---|-------|--------------|----------------|----------------|---------|
| Unknown                                                         | 17000       | T J       | ug/Kg | ☼ | 12.43 | N/A          | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Unknown                                                         | 8100        | T J       | ug/Kg | ☼ | 12.66 | N/A          | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2,6,10,14,18,22-Tetracosahexaene,<br>2,6,10,15,19,23-hexamethyl | 9300        | T J N     | ug/Kg | ☼ | 12.80 | 111-02-4     | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 1-Hexacosanol                                                   | 46000       | T J N     | ug/Kg | ☼ | 13.07 | 506-52-5     | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Unknown                                                         | 6500        | T J       | ug/Kg | ☼ | 13.52 | N/A          | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Unknown                                                         | 9800        | T J       | ug/Kg | ☼ | 14.09 | N/A          | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 5-Cholestene-3-ol, 24-methyl-                                   | 10000       | T J N     | ug/Kg | ☼ | 14.16 | 1000214-17-4 | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Unknown                                                         | 8300        | T J       | ug/Kg | ☼ | 14.24 | N/A          | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Heptadecane                                                     | 6500        | T J N     | ug/Kg | ☼ | 14.31 | 629-78-7     | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 17-Pentatriacontene                                             | 13000       | T J N     | ug/Kg | ☼ | 14.35 | 6971-40-0    | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| .gamma.-Sitosterol                                              | 33000       | T J N     | ug/Kg | ☼ | 14.45 | 83-47-6      | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Unknown                                                         | 7900        | T J       | ug/Kg | ☼ | 14.61 | N/A          | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Unknown                                                         | 6700        | T J       | ug/Kg | ☼ | 14.70 | N/A          | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Unknown                                                         | 11000       | T J       | ug/Kg | ☼ | 14.79 | N/A          | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Unknown                                                         | 6500        | T J       | ug/Kg | ☼ | 14.95 | N/A          | 08/18/23 16:30 | 08/19/23 23:22 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 74        |           | 10 - 138 | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2-Fluorobiphenyl (Surr)     | 71        |           | 37 - 120 | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| 2-Fluorophenol (Surr)       | 53        |           | 22 - 120 | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Nitrobenzene-d5 (Surr)      | 68        |           | 26 - 120 | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| p-Terphenyl-d14 (Surr)      | 80        |           | 40 - 133 | 08/18/23 16:30 | 08/19/23 23:22 | 1       |
| Phenol-d5 (Surr)            | 56        |           | 27 - 120 | 08/18/23 16:30 | 08/19/23 23:22 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 28     |           | 9.2 | 3.7 | mg/Kg | ☼ | 08/16/23 19:28 | 08/17/23 10:37 | 2       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 27000  | ^2        | 92    | 46    | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 17:27 | 10      |
| Antimony  | 0.084  | J         | 0.18  | 0.074 | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Arsenic   | 4.5    |           | 0.37  | 0.12  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Barium    | 160    |           | 1.8   | 0.84  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 17:27 | 10      |
| Beryllium | 1.2    |           | 0.092 | 0.022 | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Cadmium   | 0.33   |           | 0.092 | 0.037 | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Calcium   | 3000   |           | 37    | 18    | mg/Kg | ☼ | 08/16/23 19:28 | 08/21/23 11:12 | 2       |
| Chromium  | 42     |           | 0.37  | 0.18  | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Cobalt    | 24     |           | 0.18  | 0.074 | mg/Kg | ☼ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-10 (0-0.25)

Lab Sample ID: 410-139126-5

Date Collected: 08/14/23 16:15

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 74.8

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Copper    | 16     |           | 0.37  | 0.17  | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Iron      | 35000  | ^2        | 92    | 43    | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:27 | 10      |
| Lead      | 22     |           | 0.18  | 0.070 | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Magnesium | 7700   |           | 9.2   | 4.5   | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Manganese | 1700   | ^2        | 1.8   | 0.92  | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:27 | 10      |
| Nickel    | 24     |           | 0.37  | 0.18  | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Potassium | 4300   |           | 37    | 15    | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Selenium  | 0.47   |           | 0.37  | 0.092 | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Silver    | 0.059  | J         | 0.092 | 0.037 | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Sodium    | 150    |           | 46    | 22    | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Thallium  | 0.29   |           | 0.092 | 0.036 | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Zinc      | 93     |           | 28    | 3.7   | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |
| Vanadium  | 77     |           | 0.74  | 0.18  | mg/Kg | ☆ | 08/16/23 19:28 | 08/20/23 17:25 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.053  | J         | 0.078 | 0.026 | mg/Kg | ☆ | 08/16/23 21:34 | 08/17/23 11:12 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 25.2   |           | 1.0 | 1.0 | %    |   |          | 08/17/23 06:40 | 1       |

Client Sample ID: SS-10 (0.75-1)

Lab Sample ID: 410-139126-6

Date Collected: 08/14/23 16:25

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 77.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 6.9 | 0.83 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 6.9 | 0.69 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| 1,1-Dichloroethene     | ND     |           | 6.9 | 0.69 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 14  | 6.9  | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 6.9 | 0.96 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| 1,2-Dichloroethane     | ND     |           | 6.9 | 0.83 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| 1,2-Dichloropropane    | ND     |           | 6.9 | 0.69 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 6.9 | 0.96 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Benzene                | ND     |           | 6.9 | 0.69 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Bromodichloromethane   | ND     |           | 6.9 | 0.96 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Bromoform              | ND     |           | 14  | 6.9  | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Carbon tetrachloride   | ND     |           | 6.9 | 0.96 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Chlorobenzene          | ND     |           | 6.9 | 0.96 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Chloroform             | ND     |           | 6.9 | 0.83 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| cis-1,2-Dichloroethene | ND     |           | 6.9 | 0.69 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Dibromochloromethane   | ND     |           | 6.9 | 0.69 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Ethylbenzene           | ND     |           | 6.9 | 0.96 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| m&p-Xylene             | ND     |           | 6.9 | 2.8  | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Methylene Chloride     | ND     |           | 6.9 | 2.8  | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| o-Xylene               | ND     |           | 6.9 | 0.96 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Styrene                | ND     |           | 6.9 | 0.96 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Tetrachloroethene      | ND     |           | 6.9 | 0.96 | ug/Kg | ☆ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-10 (0.75-1)

Lab Sample ID: 410-139126-6

Date Collected: 08/14/23 16:25

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 77.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Toluene                  | ND     |           | 6.9 | 0.83 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 6.9 | 0.69 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Trichloroethene          | ND     |           | 6.9 | 0.69 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Vinyl chloride           | ND     |           | 6.9 | 0.83 | ug/Kg | ☼ | 08/21/23 16:03 | 08/25/23 15:54 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Acetone                         | 6.9         | T J N     | ug/Kg | ☼ | 3.42  | 67-64-1 | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Hexanal                         | 23          | T J N     | ug/Kg | ☼ | 10.45 | 66-25-1 | 08/21/23 16:03 | 08/25/23 15:54 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 95        |           | 50 - 131 | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 50 - 141 | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 54 - 135 | 08/21/23 16:03 | 08/25/23 15:54 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 52 - 141 | 08/21/23 16:03 | 08/25/23 15:54 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 56   | 26  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2,4,6-Trichlorophenol        | ND     | cn        | 47   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 56   | 26  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2,4-Dinitrophenol            | ND     | cn        | 1300 | 220 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2-Chloronaphthalene          | ND     | cn        | 43   | 17  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2-Chlorophenol               | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2-Methylnaphthalene          | ND     |           | 22   | 6.5 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2-Methylphenol               | ND     |           | 65   | 26  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2-Nitroaniline               | ND     |           | 65   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2-Nitrophenol                | ND     |           | 65   | 26  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 3-Nitroaniline               | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 650  | 220 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 4-Bromophenyl phenyl ether   | ND     | cn        | 47   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 65   | 26  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 4-Chloroaniline              | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 4-Methylphenol               | ND     |           | 65   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 4-Nitroaniline               | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 4-Nitrophenol                | ND     |           | 650  | 220 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Acenaphthene                 | ND     |           | 22   | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Acenaphthylene               | ND     |           | 22   | 5.2 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Acetophenone                 | ND     |           | 65   | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Anthracene                   | ND     |           | 22   | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Atrazine                     | ND     |           | 220  | 86  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Benzaldehyde                 | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Benzo[a]anthracene           | ND     |           | 22   | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Benzo[a]pyrene               | ND     |           | 22   | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-10 (0.75-1)

Lab Sample ID: 410-139126-6

Date Collected: 08/14/23 16:25

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 77.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Benzo[b]fluoranthene        | ND     |           | 22  | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 22  | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 22  | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Butyl benzyl phthalate      | ND     |           | 220 | 86  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Caprolactam                 | ND     | cn        | 220 | 43  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Carbazole                   | ND     |           | 47  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Chrysene                    | ND     |           | 22  | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Di-n-butyl phthalate        | ND     |           | 220 | 86  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Di-n-octyl phthalate        | ND     |           | 220 | 86  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Dibenz[a,h]anthracene       | ND     |           | 22  | 8.6 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Dibenzofuran                | ND     |           | 47  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Diethyl phthalate           | ND     |           | 220 | 86  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Dimethyl phthalate          | ND     |           | 220 | 86  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Fluoranthene                | ND     |           | 22  | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Fluorene                    | ND     |           | 22  | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Hexachlorobenzene           | ND     |           | 22  | 8.6 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Hexachlorobutadiene         | ND     | cn        | 65  | 26  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 650 | 220 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Hexachloroethane            | ND     |           | 220 | 43  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 22  | 5.2 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Isophorone                  | ND     |           | 86  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 86  | 43  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 47  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Naphthalene                 | ND     |           | 22  | 8.6 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Nitrobenzene                | ND     |           | 47  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Pentachlorophenol           | ND     |           | 220 | 86  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Phenanthrene                | ND     |           | 22  | 5.2 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Phenol                      | ND     |           | 47  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Pyrene                      | ND     |           | 22  | 4.3 | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 47  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 47  | 22  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 220 | 86  | ug/Kg | ☼ | 08/18/23 16:30 | 08/19/23 23:45 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                         | 1600        | T J B     | ug/Kg | ☼ | 3.10  | N/A        | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Unknown                         | 200         | T J B     | ug/Kg | ☼ | 3.59  | N/A        | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Unknown                         | 930         | T J B     | ug/Kg | ☼ | 3.96  | N/A        | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Unknown                         | 260         | T J B     | ug/Kg | ☼ | 4.08  | N/A        | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Unknown                         | 790         | T J B     | ug/Kg | ☼ | 4.26  | N/A        | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Tetradecanoic acid              | 310         | T J N     | ug/Kg | ☼ | 9.87  | 544-63-8   | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 1-Pentatriacontanol             | 330         | T J N     | ug/Kg | ☼ | 11.79 | 55517-90-3 | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 17-Pentatriacontene             | 220         | T J N     | ug/Kg | ☼ | 12.43 | 6971-40-0  | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Unknown                         | 180         | T J       | ug/Kg | ☼ | 13.07 | N/A        | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Unknown                         | 400         | T J       | ug/Kg | ☼ | 14.45 | N/A        | 08/18/23 16:30 | 08/19/23 23:45 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 79        |           | 10 - 138 | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2-Fluorobiphenyl (Surr)     | 75        |           | 37 - 120 | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| 2-Fluorophenol (Surr)       | 56        |           | 22 - 120 | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Nitrobenzene-d5 (Surr)      | 72        |           | 26 - 120 | 08/18/23 16:30 | 08/19/23 23:45 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: SS-10 (0.75-1)

Lab Sample ID: 410-139126-6

Date Collected: 08/14/23 16:25

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 77.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 (Surr) | 85        |           | 40 - 133 | 08/18/23 16:30 | 08/19/23 23:45 | 1       |
| Phenol-d5 (Surr)       | 58        |           | 27 - 120 | 08/18/23 16:30 | 08/19/23 23:45 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Lithium | 34     |           | 13 | 5.1 | mg/Kg | ✱ | 08/16/23 19:28 | 08/17/23 10:56 | 2       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 39000  | ^2        | 130  | 64    | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:07 | 10      |
| Antimony  | ND     |           | 0.26 | 0.10  | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Arsenic   | 4.8    |           | 0.51 | 0.17  | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Barium    | 230    | ^2        | 2.6  | 1.2   | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:07 | 10      |
| Beryllium | 1.5    |           | 0.13 | 0.031 | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Cadmium   | 0.072  | J         | 0.13 | 0.051 | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Calcium   | 2200   |           | 51   | 25    | mg/Kg | ✱ | 08/16/23 19:28 | 08/21/23 11:34 | 2       |
| Chromium  | 56     |           | 0.51 | 0.24  | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Cobalt    | 13     | ^2        | 0.26 | 0.10  | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Copper    | 20     | ^2        | 0.51 | 0.23  | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Iron      | 46000  | ^2        | 130  | 59    | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:07 | 10      |
| Lead      | 15     |           | 0.26 | 0.098 | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Magnesium | 11000  |           | 13   | 6.3   | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Manganese | 510    | ^2        | 0.51 | 0.26  | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Nickel    | 30     |           | 0.51 | 0.24  | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Potassium | 6500   |           | 51   | 21    | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Selenium  | 0.36   | J         | 0.51 | 0.13  | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Silver    | ND     |           | 0.13 | 0.052 | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Sodium    | 250    |           | 64   | 31    | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Thallium  | 0.37   |           | 0.13 | 0.050 | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Zinc      | 86     |           | 39   | 5.1   | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |
| Vanadium  | 95     |           | 1.0  | 0.26  | mg/Kg | ✱ | 08/16/23 19:28 | 08/20/23 18:05 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.031  | J         | 0.074 | 0.025 | mg/Kg | ✱ | 08/16/23 21:34 | 08/17/23 11:16 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 23.0   |           | 1.0 | 1.0 | %    |   |          | 08/17/23 06:40 | 1       |

Client Sample ID: TB1-20230814

Lab Sample ID: 410-139126-7

Date Collected: 08/14/23 00:00

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| 1,1-Dichloroethene     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: TB1-20230814

Lab Sample ID: 410-139126-7

Date Collected: 08/14/23 00:00

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,2-Dichlorobenzene      | ND     |           | 5.0 | 0.20 | ug/L |   |          | 08/21/23 22:35 | 1       |
| 1,2-Dichloroethane       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| 1,2-Dichloropropane      | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Benzene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Bromodichloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Bromoform                | ND     |           | 4.0 | 1.0  | ug/L |   |          | 08/21/23 22:35 | 1       |
| Carbon tetrachloride     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Chlorobenzene            | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Chloroform               | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Dibromochloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Ethylbenzene             | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/21/23 22:35 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/L |   |          | 08/21/23 22:35 | 1       |
| Methylene Chloride       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| o-Xylene                 | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Tetrachloroethene        | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Toluene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 2.0 | 0.70 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Trichloroethene          | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |
| Vinyl chloride           | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:35 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/21/23 22:35 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 95        |           | 80 - 120 |          | 08/21/23 22:35 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 80 - 120 |          | 08/21/23 22:35 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 94        |           | 80 - 120 |          | 08/21/23 22:35 | 1       |
| Toluene-d8 (Surr)            | 91        |           | 80 - 120 |          | 08/21/23 22:35 | 1       |

Client Sample ID: EB1-20230814

Lab Sample ID: 410-139126-8

Date Collected: 08/14/23 17:15

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| 1,1-Dichloroethene     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 5.0 | 0.20 | ug/L |   |          | 08/21/23 22:56 | 1       |
| 1,2-Dichloroethane     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| 1,2-Dichloropropane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Benzene                | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Bromodichloromethane   | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Bromoform              | ND     |           | 4.0 | 1.0  | ug/L |   |          | 08/21/23 22:56 | 1       |
| Carbon tetrachloride   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: EB1-20230814

Lab Sample ID: 410-139126-8

Date Collected: 08/14/23 17:15

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result      | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|-------------|-----------|-----|------|------|---|----------|----------------|---------|
| Chlorobenzene            | ND          |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| <b>Chloroform</b>        | <b>0.95</b> | <b>J</b>  | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| cis-1,2-Dichloroethene   | ND          |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Dibromochloromethane     | ND          |           | 1.0 | 0.20 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Ethylbenzene             | ND          |           | 1.0 | 0.40 | ug/L |   |          | 08/21/23 22:56 | 1       |
| m&p-Xylene               | ND          |           | 5.0 | 2.0  | ug/L |   |          | 08/21/23 22:56 | 1       |
| Methylene Chloride       | ND          |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| o-Xylene                 | ND          |           | 1.0 | 0.40 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Styrene                  | ND          |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Tetrachloroethene        | ND          |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Toluene                  | ND          |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| trans-1,2-Dichloroethene | ND          |           | 2.0 | 0.70 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Trichloroethene          | ND          |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |
| Vinyl chloride           | ND          |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 22:56 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/21/23 22:56 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 96        |           | 80 - 120 |          | 08/21/23 22:56 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 80 - 120 |          | 08/21/23 22:56 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 80 - 120 |          | 08/21/23 22:56 | 1       |
| Toluene-d8 (Surr)            | 91        |           | 80 - 120 |          | 08/21/23 22:56 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 10   | 3.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 30   | 14   | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2-Chloronaphthalene          | ND     |           | 1.0  | 0.40 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2-Chlorophenol               | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2-Methylnaphthalene          | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2-Methylphenol               | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2-Nitroaniline               | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2-Nitrophenol                | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 10   | 4.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 3-Nitroaniline               | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 21   | 8.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 4-Chloroaniline              | ND     |           | 10   | 4.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 4-Methylphenol               | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 4-Nitroaniline               | ND     |           | 3.0  | 0.90 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: EB1-20230814

Lab Sample ID: 410-139126-8

Date Collected: 08/14/23 17:15

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 4-Nitrophenol               | ND     |           | 30   | 10   | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Acenaphthene                | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Acenaphthylene              | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Acetophenone                | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Anthracene                  | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Atrazine                    | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Benzaldehyde                | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Benzo[a]anthracene          | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Benzo[a]pyrene              | ND     |           | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Butyl benzyl phthalate      | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Caprolactam                 | ND     |           | 7.0  | 3.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Carbazole                   | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Chrysene                    | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Di-n-butyl phthalate        | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Di-n-octyl phthalate        | ND     |           | 11   | 5.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Dibenzofuran                | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Diethyl phthalate           | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Dimethyl phthalate          | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Fluoranthene                | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Fluorene                    | ND     |           | 0.50 | 0.12 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Hexachlorobenzene           | ND     |           | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Hexachlorobutadiene         | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 11   | 5.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Hexachloroethane            | ND     |           | 5.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Isophorone                  | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Naphthalene                 | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Nitrobenzene                | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Pentachlorophenol           | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Phenanthrene                | ND     |           | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Phenol                      | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Pyrene                      | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 21:54 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT   | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|------|----------|----------------|----------------|---------|
| Unknown                         | 6.4         | T J B     | ug/L |   | 1.20 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 17          | T J B     | ug/L |   | 1.29 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Butane, 2-chloro-2-methyl-      | 53          | T J N B   | ug/L |   | 1.42 | 594-36-5 | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 18          | T J B     | ug/L |   | 2.50 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 13          | T J B     | ug/L |   | 2.76 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 40          | T J B     | ug/L |   | 3.15 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 10          | T J B     | ug/L |   | 3.27 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: EB1-20230814

Lab Sample ID: 410-139126-8

Date Collected: 08/14/23 17:15

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT   | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|------|----------|----------------|----------------|---------|
| Unknown                         | 14          | T J B     | ug/L |   | 3.34 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 140         | T J B     | ug/L |   | 3.47 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 36          | T J B     | ug/L |   | 3.49 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 43          | T J B     | ug/L |   | 3.59 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 11          | T J B     | ug/L |   | 3.69 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 63          | T J B     | ug/L |   | 3.72 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2-Pentene, 2,4,4-trimethyl-     | 69          | T J N B   | ug/L |   | 3.74 | 107-40-4 | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Unknown                         | 12          | T J B     | ug/L |   | 3.79 | N/A      | 08/18/23 07:46 | 08/19/23 21:54 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr)     | 63        |           | 44 - 120 | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2-Fluorophenol (Surr)       | 49        |           | 10 - 120 | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 31 - 120 | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| p-Terphenyl-d14 (Surr)      | 69        |           | 30 - 125 | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| 2,4,6-Tribromophenol (Surr) | 80        |           | 13 - 138 | 08/18/23 07:46 | 08/19/23 21:54 | 1       |
| Phenol-d5 (Surr)            | 35        |           | 10 - 120 | 08/18/23 07:46 | 08/19/23 21:54 | 1       |

## Method: SW846 6010D - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Lithium | ND     |           | 0.050 | 0.011 | mg/L |   | 08/17/23 07:47 | 08/17/23 21:46 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte   | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Aluminum  | ND     |           | 25   | 12   | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Antimony  | ND     |           | 1.0  | 0.20 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Arsenic   | ND     |           | 2.0  | 0.68 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Barium    | ND     |           | 2.0  | 0.75 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Beryllium | ND     |           | 0.50 | 0.12 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Cadmium   | ND     |           | 0.50 | 0.15 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Calcium   | ND     |           | 120  | 50   | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Chromium  | ND     |           | 2.0  | 0.55 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Cobalt    | ND     |           | 0.50 | 0.16 | ug/L |   | 08/17/23 07:47 | 08/21/23 17:00 | 1       |
| Copper    | ND     |           | 1.0  | 0.36 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Iron      | ND     |           | 50   | 20   | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Lead      | ND     |           | 0.50 | 0.12 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Magnesium | ND     | ^+ cn     | 50   | 16   | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Manganese | ND     |           | 2.0  | 0.95 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Nickel    | ND     |           | 1.0  | 0.40 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Potassium | ND     |           | 200  | 65   | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Selenium  | ND     |           | 1.0  | 0.28 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Silver    | ND     |           | 0.50 | 0.10 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Sodium    | ND     | ^+ cn     | 200  | 90   | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Thallium  | ND     |           | 0.50 | 0.13 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Zinc      | ND     |           | 10   | 4.0  | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |
| Vanadium  | ND     |           | 4.0  | 0.79 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:17 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Mercury | 0.084  | J         | 0.20 | 0.079 | ug/L |   | 08/17/23 08:18 | 08/18/23 10:15 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: EB2-20230814

Lab Sample ID: 410-139126-9

Date Collected: 08/14/23 17:30

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| 1,1-Dichloroethene       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.0 | 0.20 | ug/L |   |          | 08/21/23 23:16 | 1       |
| 1,2-Dichloroethane       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| 1,2-Dichloropropane      | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Benzene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Bromodichloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Bromoform                | ND     |           | 4.0 | 1.0  | ug/L |   |          | 08/21/23 23:16 | 1       |
| Carbon tetrachloride     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Chlorobenzene            | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Chloroform               | 0.94   | J         | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Dibromochloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Ethylbenzene             | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/21/23 23:16 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/L |   |          | 08/21/23 23:16 | 1       |
| Methylene Chloride       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| o-Xylene                 | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Tetrachloroethene        | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Toluene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 2.0 | 0.70 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Trichloroethene          | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |
| Vinyl chloride           | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:16 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/21/23 23:16 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 96        |           | 80 - 120 |          | 08/21/23 23:16 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 80 - 120 |          | 08/21/23 23:16 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 80 - 120 |          | 08/21/23 23:16 | 1       |
| Toluene-d8 (Surr)            | 91        |           | 80 - 120 |          | 08/21/23 23:16 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 10   | 3.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 30   | 14   | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2-Chloronaphthalene          | ND     |           | 1.0  | 0.40 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2-Chlorophenol               | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2-Methylnaphthalene          | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: EB2-20230814

Lab Sample ID: 410-139126-9

Date Collected: 08/14/23 17:30

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 2-Methylphenol              | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2-Nitroaniline              | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2-Nitrophenol               | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 10   | 4.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 3-Nitroaniline              | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 21   | 8.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 4-Chloroaniline             | ND     |           | 10   | 4.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 4-Methylphenol              | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 4-Nitroaniline              | ND     |           | 3.0  | 0.90 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 4-Nitrophenol               | ND     |           | 30   | 10   | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Acenaphthene                | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Acenaphthylene              | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Acetophenone                | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Anthracene                  | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Atrazine                    | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Benzaldehyde                | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Benzo[a]anthracene          | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Benzo[a]pyrene              | ND     |           | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Butyl benzyl phthalate      | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Caprolactam                 | ND     |           | 7.0  | 3.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Carbazole                   | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Chrysene                    | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Di-n-butyl phthalate        | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Di-n-octyl phthalate        | ND     |           | 11   | 5.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Dibenzofuran                | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Diethyl phthalate           | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Dimethyl phthalate          | ND     |           | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Fluoranthene                | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Fluorene                    | ND     |           | 0.50 | 0.12 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Hexachlorobenzene           | ND     |           | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Hexachlorobutadiene         | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 11   | 5.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Hexachloroethane            | ND     |           | 5.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Isophorone                  | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Naphthalene                 | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Nitrobenzene                | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |

Eurolins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: EB2-20230814

Lab Sample ID: 410-139126-9

Date Collected: 08/14/23 17:30

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte           | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Pentachlorophenol | ND     |           | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Phenanthrene      | ND     |           | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Phenol            | ND     |           | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Pyrene            | ND     |           | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 22:15 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT   | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|------|----------|----------------|----------------|---------|
| Unknown                         | 17          | T J B     | ug/L |   | 1.29 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Butane, 2-chloro-2-methyl-      | 46          | T J N B   | ug/L |   | 1.42 | 594-36-5 | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 17          | T J B     | ug/L |   | 2.50 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 13          | T J B     | ug/L |   | 2.76 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 41          | T J B     | ug/L |   | 3.15 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 11          | T J B     | ug/L |   | 3.28 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 16          | T J B     | ug/L |   | 3.34 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 150         | T J B     | ug/L |   | 3.47 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 37          | T J B     | ug/L |   | 3.49 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 44          | T J B     | ug/L |   | 3.59 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 11          | T J B     | ug/L |   | 3.69 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 62          | T J B     | ug/L |   | 3.72 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 73          | T J B     | ug/L |   | 3.74 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Unknown                         | 13          | T J B     | ug/L |   | 3.79 | N/A      | 08/18/23 07:46 | 08/19/23 22:15 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr)     | 64        |           | 44 - 120 | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2-Fluorophenol (Surr)       | 48        |           | 10 - 120 | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Nitrobenzene-d5 (Surr)      | 80        |           | 31 - 120 | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| p-Terphenyl-d14 (Surr)      | 76        |           | 30 - 125 | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| 2,4,6-Tribromophenol (Surr) | 83        |           | 13 - 138 | 08/18/23 07:46 | 08/19/23 22:15 | 1       |
| Phenol-d5 (Surr)            | 34        |           | 10 - 120 | 08/18/23 07:46 | 08/19/23 22:15 | 1       |

## Method: SW846 6010D - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Lithium | ND     |           | 0.50 | 0.11 | mg/L |   | 08/17/23 07:47 | 08/18/23 06:48 | 10      |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte   | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Aluminum  | ND     |           | 25   | 12   | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Antimony  | ND     |           | 1.0  | 0.20 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Arsenic   | ND     |           | 2.0  | 0.68 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Barium    | ND     |           | 2.0  | 0.75 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Beryllium | ND     |           | 0.50 | 0.12 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Cadmium   | ND     |           | 0.50 | 0.15 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Calcium   | ND     |           | 120  | 50   | ug/L |   | 08/17/23 07:47 | 08/21/23 16:32 | 1       |
| Chromium  | ND     |           | 2.0  | 0.55 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Cobalt    | ND     |           | 0.50 | 0.16 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Copper    | ND     |           | 1.0  | 0.36 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Iron      | ND     |           | 50   | 20   | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Lead      | ND     |           | 0.50 | 0.12 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Magnesium | ND     |           | 50   | 16   | ug/L |   | 08/17/23 07:47 | 08/21/23 16:32 | 1       |
| Manganese | 0.96   | J         | 2.0  | 0.95 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Nickel    | ND     |           | 1.0  | 0.40 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

Client Sample ID: EB2-20230814

Lab Sample ID: 410-139126-9

Date Collected: 08/14/23 17:30

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

| Analyte       | Result     | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------------|------------|-----------|------|------|------|---|----------------|----------------|---------|
| Potassium     | ND         |           | 200  | 65   | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Selenium      | ND         |           | 1.0  | 0.28 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Silver        | ND         |           | 0.50 | 0.10 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| <b>Sodium</b> | <b>230</b> |           | 200  | 90   | ug/L |   | 08/17/23 07:47 | 08/21/23 16:32 | 1       |
| Thallium      | ND         |           | 0.50 | 0.13 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Zinc          | ND         |           | 10   | 4.0  | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |
| Vanadium      | ND         |           | 4.0  | 0.79 | ug/L |   | 08/17/23 07:47 | 08/21/23 09:21 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte        | Result       | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------------|-----------|------|-------|------|---|----------------|----------------|---------|
| <b>Mercury</b> | <b>0.080</b> | <b>J</b>  | 0.20 | 0.079 | ug/L |   | 08/17/23 08:20 | 08/18/23 10:40 | 1       |

Client Sample ID: TB2-20230814

Lab Sample ID: 410-139126-10

Date Collected: 08/14/23 00:00

Matrix: Water

Date Received: 08/16/23 09:50

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| 1,1-Dichloroethene       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.0 | 0.20 | ug/L |   |          | 08/21/23 23:36 | 1       |
| 1,2-Dichloroethane       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| 1,2-Dichloropropane      | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Benzene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Bromodichloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Bromoform                | ND     |           | 4.0 | 1.0  | ug/L |   |          | 08/21/23 23:36 | 1       |
| Carbon tetrachloride     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Chlorobenzene            | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Chloroform               | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Dibromochloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Ethylbenzene             | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/21/23 23:36 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/L |   |          | 08/21/23 23:36 | 1       |
| Methylene Chloride       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| o-Xylene                 | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Tetrachloroethene        | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Toluene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 2.0 | 0.70 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Trichloroethene          | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |
| Vinyl chloride           | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/21/23 23:36 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/21/23 23:36 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 96        |           | 80 - 120 |          | 08/21/23 23:36 | 1       |
| Dibromofluoromethane (Surr) | 101       |           | 80 - 120 |          | 08/21/23 23:36 | 1       |

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## Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

**Client Sample ID: TB2-20230814**

**Lab Sample ID: 410-139126-10**

**Date Collected: 08/14/23 00:00**

**Matrix: Water**

**Date Received: 08/16/23 09:50**

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 94               |                  | 80 - 120      |                 | 08/21/23 23:36  | 1              |
| Toluene-d8 (Surr)            | 92               |                  | 80 - 120      |                 | 08/21/23 23:36  | 1              |

# Surrogate Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                  |                 |                 |
|-------------------|------------------------|------------------------------------------------|------------------|-----------------|-----------------|
|                   |                        | BFB<br>(50-131)                                | DBFM<br>(50-141) | DCA<br>(54-135) | TOL<br>(52-141) |
| 410-139126-1      | SS-4 (0-0.25)          | 96                                             | 97               | 108             | 98              |
| 410-139126-1 MS   | SS-4 (0-0.25) MS       | 97                                             | 99               | 107             | 100             |
| 410-139126-1 MSD  | SS-4 (0-0.25) MSD      | 97                                             | 98               | 107             | 100             |
| 410-139126-2      | SS-4 (0.75-1)          | 96                                             | 97               | 107             | 98              |
| 410-139126-3      | SS-11 (0-0.25)         | 95                                             | 97               | 105             | 97              |
| 410-139126-3 MS   | SS-11 (0-0.25) MS      | 96                                             | 99               | 107             | 99              |
| 410-139126-3 MSD  | SS-11 (0-0.25) MSD     | 97                                             | 98               | 111             | 99              |
| 410-139126-4      | SS-11 (0.75-1)         | 97                                             | 98               | 107             | 98              |
| 410-139126-5      | SS-10 (0-0.25)         | 94                                             | 98               | 107             | 99              |
| 410-139126-6      | SS-10 (0.75-1)         | 95                                             | 97               | 107             | 96              |
| LCS 410-412435/4  | Lab Control Sample     | 98                                             | 96               | 100             | 100             |
| LCSD 410-412435/5 | Lab Control Sample Dup | 97                                             | 97               | 98              | 99              |
| MB 410-412435/7   | Method Blank           | 95                                             | 97               | 103             | 98              |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
DCA = 1,2-Dichloroethane-d4 (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                  |                 |                 |
|-------------------|------------------------|------------------------------------------------|------------------|-----------------|-----------------|
|                   |                        | BFB<br>(80-120)                                | DBFM<br>(80-120) | DCA<br>(80-120) | TOL<br>(80-120) |
| 410-139126-7      | TB1-20230814           | 95                                             | 103              | 94              | 91              |
| 410-139126-8      | EB1-20230814           | 96                                             | 102              | 95              | 91              |
| 410-139126-9      | EB2-20230814           | 96                                             | 103              | 95              | 91              |
| 410-139126-10     | TB2-20230814           | 96                                             | 101              | 94              | 92              |
| LCS 410-410772/4  | Lab Control Sample     | 97                                             | 101              | 95              | 92              |
| LCSD 410-410772/5 | Lab Control Sample Dup | 98                                             | 104              | 95              | 92              |
| MB 410-410772/7   | Method Blank           | 97                                             | 103              | 95              | 92              |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
DCA = 1,2-Dichloroethane-d4 (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID  | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                    |                 |
|------------------|-------------------|------------------------------------------------|-----------------|-----------------|-----------------|--------------------|-----------------|
|                  |                   | TBP<br>(10-138)                                | FBP<br>(37-120) | 2FP<br>(22-120) | NBZ<br>(26-120) | TPHd14<br>(40-133) | PHL<br>(27-120) |
| 410-139126-1     | SS-4 (0-0.25)     | 69                                             | 65              | 60              | 71              | 81                 | 60              |
| 410-139126-1 MS  | SS-4 (0-0.25) MS  | 61                                             | 63              | 55              | 66              | 79                 | 56              |
| 410-139126-1 MSD | SS-4 (0-0.25) MSD | 65                                             | 63              | 56              | 72              | 79                 | 58              |
| 410-139126-2     | SS-4 (0.75-1)     | 65                                             | 65              | 56              | 62              | 81                 | 60              |
| 410-139126-3     | SS-11 (0-0.25)    | 71                                             | 58              | 54              | 67              | 74                 | 56              |

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# Surrogate Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                    |                 |
|--------------------|--------------------|------------------------------------------------|-----------------|-----------------|-----------------|--------------------|-----------------|
|                    |                    | TBP<br>(10-138)                                | FBP<br>(37-120) | 2FP<br>(22-120) | NBZ<br>(26-120) | TPHd14<br>(40-133) | PHL<br>(27-120) |
| 410-139126-3 MS    | SS-11 (0-0.25) MS  | 78                                             | 66              | 61              | 74              | 84                 | 62              |
| 410-139126-3 MSD   | SS-11 (0-0.25) MSD | 76                                             | 65              | 56              | 71              | 77                 | 58              |
| 410-139126-4       | SS-11 (0.75-1)     | 74                                             | 68              | 60              | 65              | 84                 | 63              |
| 410-139126-5       | SS-10 (0-0.25)     | 74                                             | 71              | 53              | 68              | 80                 | 56              |
| 410-139126-6       | SS-10 (0.75-1)     | 79                                             | 75              | 56              | 72              | 85                 | 58              |
| LCS 410-410100/2-A | Lab Control Sample | 91                                             | 77              | 63              | 75              | 94                 | 64              |
| LCS 410-411241/2-A | Lab Control Sample | 85                                             | 71              | 67              | 77              | 90                 | 67              |
| MB 410-410100/1-A  | Method Blank       | 91                                             | 80              | 62              | 78              | 99                 | 64              |
| MB 410-411241/1-A  | Method Blank       | 93                                             | 78              | 71              | 82              | 104                | 72              |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)  
FBP = 2-Fluorobiphenyl (Surr)  
2FP = 2-Fluorophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
TPHd14 = p-Terphenyl-d14 (Surr)  
PHL = Phenol-d5 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                    |                 |                 |
|--------------------|--------------------|------------------------------------------------|-----------------|-----------------|--------------------|-----------------|-----------------|
|                    |                    | FBP<br>(44-120)                                | 2FP<br>(10-120) | NBZ<br>(31-120) | TPHd14<br>(30-125) | TBP<br>(13-138) | PHL<br>(10-120) |
| 410-139126-8       | EB1-20230814       | 63                                             | 49              | 78              | 69                 | 80              | 35              |
| 410-139126-9       | EB2-20230814       | 64                                             | 48              | 80              | 76                 | 83              | 34              |
| LCS 410-409814/2-A | Lab Control Sample | 60                                             | 52              | 71              | 79                 | 78              | 43              |
| MB 410-409814/1-A  | Method Blank       | 62                                             | 53              | 83              | 87                 | 85              | 39              |

### Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)  
2FP = 2-Fluorophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
TPHd14 = p-Terphenyl-d14 (Surr)  
TBP = 2,4,6-Tribromophenol (Surr)  
PHL = Phenol-d5 (Surr)



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 410615

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane    | ND            | F1               | 31.8        | 19.8      | F1           | ug/Kg | ✱ | 62   | 69 - 123    |
| 1,1,2-Trichloroethane    | ND            | F1               | 31.8        | 16.2      | F1           | ug/Kg | ✱ | 51   | 80 - 120    |
| 1,1-Dichloroethene       | ND            |                  | 31.8        | 23.4      |              | ug/Kg | ✱ | 74   | 73 - 129    |
| 1,2,4-Trichlorobenzene   | ND            | F1               | 31.8        | ND        | F1           | ug/Kg | ✱ | 0    | 56 - 130    |
| 1,2-Dichlorobenzene      | ND            | F2 F1            | 31.8        | 4.73      | J F1         | ug/Kg | ✱ | 15   | 76 - 120    |
| 1,2-Dichloroethane       | ND            | F1               | 31.8        | 17.8      | F1           | ug/Kg | ✱ | 56   | 71 - 128    |
| 1,2-Dichloropropane      | ND            | F1               | 31.8        | 18.0      | F1           | ug/Kg | ✱ | 57   | 80 - 120    |
| 1,4-Dichlorobenzene      | ND            | F2 F1            | 31.8        | 4.35      | J F1         | ug/Kg | ✱ | 14   | 80 - 120    |
| Benzene                  | ND            | F1               | 31.8        | 18.4      | F1           | ug/Kg | ✱ | 58   | 80 - 120    |
| Bromodichloromethane     | ND            | F1               | 31.8        | 15.4      | F1           | ug/Kg | ✱ | 48   | 70 - 120    |
| Bromoform                | ND            | F1               | 31.8        | 11.4      | J F1         | ug/Kg | ✱ | 36   | 51 - 127    |
| Carbon tetrachloride     | ND            | F1               | 31.8        | 18.1      | F1           | ug/Kg | ✱ | 57   | 64 - 134    |
| Chlorobenzene            | ND            | F2 F1            | 31.8        | 8.24      | F1           | ug/Kg | ✱ | 26   | 80 - 120    |
| Chloroform               | ND            | F1               | 31.8        | 18.6      | F1           | ug/Kg | ✱ | 59   | 80 - 120    |
| cis-1,2-Dichloroethene   | ND            | F1               | 31.8        | 19.2      | F1           | ug/Kg | ✱ | 60   | 80 - 123    |
| Dibromochloromethane     | ND            | F1               | 31.8        | 13.1      | F1           | ug/Kg | ✱ | 41   | 69 - 125    |
| Ethylbenzene             | ND            | F2 F1            | 31.8        | 7.90      | F1           | ug/Kg | ✱ | 25   | 78 - 120    |
| m&p-Xylene               | ND            | F2 F1            | 63.5        | 14.1      | F1           | ug/Kg | ✱ | 22   | 80 - 120    |
| Methylene Chloride       | ND            | F1               | 31.8        | 19.1      | F1           | ug/Kg | ✱ | 60   | 76 - 122    |
| o-Xylene                 | ND            | F2 F1            | 31.8        | 7.29      | J F1         | ug/Kg | ✱ | 23   | 75 - 120    |
| Styrene                  | ND            | F2 F1            | 31.8        | 5.45      | J F1         | ug/Kg | ✱ | 17   | 76 - 120    |
| Tetrachloroethene        | ND            | F1               | 31.8        | 10.3      | F1           | ug/Kg | ✱ | 32   | 73 - 120    |
| Toluene                  | ND            | F1               | 31.8        | 12.3      | F1           | ug/Kg | ✱ | 39   | 80 - 120    |
| trans-1,2-Dichloroethene | ND            | F1               | 31.8        | 19.3      | F1           | ug/Kg | ✱ | 61   | 80 - 125    |
| Trichloroethene          | ND            | F1               | 31.8        | 14.2      | F1           | ug/Kg | ✱ | 45   | 80 - 120    |
| Vinyl chloride           | ND            |                  | 31.8        | 19.9      |              | ug/Kg | ✱ | 63   | 52 - 120    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr)  | 97           |              | 50 - 131 |
| Dibromofluoromethane (Surr)  | 99           |              | 50 - 141 |
| 1,2-Dichloroethane-d4 (Surr) | 107          |              | 54 - 135 |
| Toluene-d8 (Surr)            | 100          |              | 52 - 141 |

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 410615

| Analyte                | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane  | ND            | F1               | 29.6        | 21.6       |               | ug/Kg | ✱ | 73   | 69 - 123    | 8   | 30        |
| 1,1,2-Trichloroethane  | ND            | F1               | 29.6        | 18.0       | F1            | ug/Kg | ✱ | 61   | 80 - 120    | 11  | 30        |
| 1,1-Dichloroethene     | ND            |                  | 29.6        | 23.5       |               | ug/Kg | ✱ | 79   | 73 - 129    | 1   | 30        |
| 1,2,4-Trichlorobenzene | ND            | F1               | 29.6        | ND         | F1            | ug/Kg | ✱ | 0    | 56 - 130    | NC  | 30        |
| 1,2-Dichlorobenzene    | ND            | F2 F1            | 29.6        | 6.69       | J F2 F1       | ug/Kg | ✱ | 23   | 76 - 120    | 34  | 30        |
| 1,2-Dichloroethane     | ND            | F1               | 29.6        | 19.2       | F1            | ug/Kg | ✱ | 65   | 71 - 128    | 8   | 30        |
| 1,2-Dichloropropane    | ND            | F1               | 29.6        | 20.6       | F1            | ug/Kg | ✱ | 69   | 80 - 120    | 13  | 30        |
| 1,4-Dichlorobenzene    | ND            | F2 F1            | 29.6        | 6.14       | J F2 F1       | ug/Kg | ✱ | 21   | 80 - 120    | 34  | 30        |
| Benzene                | ND            | F1               | 29.6        | 20.5       | F1            | ug/Kg | ✱ | 69   | 80 - 120    | 11  | 30        |
| Bromodichloromethane   | ND            | F1               | 29.6        | 17.8       | F1            | ug/Kg | ✱ | 60   | 70 - 120    | 15  | 30        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 410615

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Bromoform                | ND            | F1               | 29.6        | 13.6       | J F1          | ug/Kg | ✖ | 46   | 51 - 127    | 17  | 30        |
| Carbon tetrachloride     | ND            | F1               | 29.6        | 20.2       |               | ug/Kg | ✖ | 68   | 64 - 134    | 11  | 30        |
| Chlorobenzene            | ND            | F2 F1            | 29.6        | 11.4       | F2 F1         | ug/Kg | ✖ | 38   | 80 - 120    | 32  | 30        |
| Chloroform               | ND            | F1               | 29.6        | 20.3       | F1            | ug/Kg | ✖ | 69   | 80 - 120    | 9   | 30        |
| cis-1,2-Dichloroethene   | ND            | F1               | 29.6        | 20.4       | F1            | ug/Kg | ✖ | 69   | 80 - 123    | 6   | 30        |
| Dibromochloromethane     | ND            | F1               | 29.6        | 15.3       | F1            | ug/Kg | ✖ | 52   | 69 - 125    | 16  | 30        |
| Ethylbenzene             | ND            | F2 F1            | 29.6        | 11.1       | F2 F1         | ug/Kg | ✖ | 38   | 78 - 120    | 34  | 30        |
| m&p-Xylene               | ND            | F2 F1            | 59.2        | 20.3       | F2 F1         | ug/Kg | ✖ | 34   | 80 - 120    | 36  | 30        |
| Methylene Chloride       | ND            | F1               | 29.6        | 19.7       | F1            | ug/Kg | ✖ | 66   | 76 - 122    | 3   | 30        |
| o-Xylene                 | ND            | F2 F1            | 29.6        | 10.1       | F2 F1         | ug/Kg | ✖ | 34   | 75 - 120    | 33  | 30        |
| Styrene                  | ND            | F2 F1            | 29.6        | 8.16       | F2 F1         | ug/Kg | ✖ | 28   | 76 - 120    | 40  | 30        |
| Tetrachloroethene        | ND            | F1               | 29.6        | 13.7       | F1            | ug/Kg | ✖ | 46   | 73 - 120    | 29  | 30        |
| Toluene                  | ND            | F1               | 29.6        | 15.4       | F1            | ug/Kg | ✖ | 52   | 80 - 120    | 23  | 30        |
| trans-1,2-Dichloroethene | ND            | F1               | 29.6        | 20.9       | F1            | ug/Kg | ✖ | 71   | 80 - 125    | 8   | 30        |
| Trichloroethene          | ND            | F1               | 29.6        | 17.5       | F1            | ug/Kg | ✖ | 59   | 80 - 120    | 21  | 30        |
| Vinyl chloride           | ND            |                  | 29.6        | 21.7       |               | ug/Kg | ✖ | 73   | 52 - 120    | 8   | 30        |

| Surrogate                    | MSD %Recovery | MSD Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr)  | 97            |               | 50 - 131 |
| Dibromofluoromethane (Surr)  | 98            |               | 50 - 141 |
| 1,2-Dichloroethane-d4 (Surr) | 107           |               | 54 - 135 |
| Toluene-d8 (Surr)            | 100           |               | 52 - 141 |

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 410615

| Analyte                 | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane   | ND            | F1               | 20.9        | 15.0      |              | ug/Kg | ✖ | 72   | 69 - 123    |
| 1,1,1,2-Trichloroethane | ND            | F1               | 20.9        | 11.9      | F1           | ug/Kg | ✖ | 57   | 80 - 120    |
| 1,1,1-Dichloroethene    | ND            | F1               | 20.9        | 18.1      |              | ug/Kg | ✖ | 86   | 73 - 129    |
| 1,2,4-Trichlorobenzene  | ND            | F1               | 20.9        | ND        | F1           | ug/Kg | ✖ | 0    | 56 - 130    |
| 1,2-Dichlorobenzene     | ND            | F2 F1            | 20.9        | 4.19      | J F1         | ug/Kg | ✖ | 20   | 76 - 120    |
| 1,2-Dichloroethane      | ND            | F1               | 20.9        | 13.3      | F1           | ug/Kg | ✖ | 64   | 71 - 128    |
| 1,2-Dichloropropane     | ND            | F1               | 20.9        | 13.4      | F1           | ug/Kg | ✖ | 64   | 80 - 120    |
| 1,4-Dichlorobenzene     | ND            | F2 F1            | 20.9        | 3.64      | J F1         | ug/Kg | ✖ | 17   | 80 - 120    |
| Benzene                 | ND            | F1               | 20.9        | 12.9      | F1           | ug/Kg | ✖ | 62   | 80 - 120    |
| Bromodichloromethane    | ND            | F1               | 20.9        | 11.1      | F1           | ug/Kg | ✖ | 53   | 70 - 120    |
| Bromoform               | ND            | F1               | 20.9        | 9.21      | J F1         | ug/Kg | ✖ | 44   | 51 - 127    |
| Carbon tetrachloride    | ND            | F1               | 20.9        | 13.6      |              | ug/Kg | ✖ | 65   | 64 - 134    |
| Chlorobenzene           | ND            | F2 F1            | 20.9        | 5.32      | F1           | ug/Kg | ✖ | 25   | 80 - 120    |
| Chloroform              | ND            | F1               | 20.9        | 13.7      | F1           | ug/Kg | ✖ | 65   | 80 - 120    |
| cis-1,2-Dichloroethene  | ND            | F1               | 20.9        | 13.9      | F1           | ug/Kg | ✖ | 66   | 80 - 123    |
| Dibromochloromethane    | ND            | F1               | 20.9        | 9.39      | F1           | ug/Kg | ✖ | 45   | 69 - 125    |
| Ethylbenzene            | ND            | F1               | 20.9        | 4.89      | J F1         | ug/Kg | ✖ | 23   | 78 - 120    |
| m&p-Xylene              | ND            | F2 F1            | 41.9        | 8.77      | F1           | ug/Kg | ✖ | 21   | 80 - 120    |
| Methylene Chloride      | ND            | F1               | 20.9        | 14.3      | F1           | ug/Kg | ✖ | 68   | 76 - 122    |
| o-Xylene                | ND            | F2 F1            | 20.9        | 4.67      | J F1         | ug/Kg | ✖ | 22   | 75 - 120    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 410615

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Styrene                  | ND            | F2 F1            | 20.9        | 3.62      | J F1         | ug/Kg | ✖ | 17   | 76 - 120    |
| Tetrachloroethene        | ND            | F1               | 20.9        | 6.39      | F1           | ug/Kg | ✖ | 31   | 73 - 120    |
| Toluene                  | ND            | F1               | 20.9        | 8.01      | F1           | ug/Kg | ✖ | 38   | 80 - 120    |
| trans-1,2-Dichloroethene | ND            | F1               | 20.9        | 13.9      | F1           | ug/Kg | ✖ | 66   | 80 - 125    |
| Trichloroethene          | ND            | F1               | 20.9        | 9.90      | F1           | ug/Kg | ✖ | 47   | 80 - 120    |
| Vinyl chloride           | ND            |                  | 20.9        | 19.2      |              | ug/Kg | ✖ | 92   | 52 - 120    |

| Surrogate                    | MS %Recovery | MS Qualifier | MS Limits |
|------------------------------|--------------|--------------|-----------|
| 4-Bromofluorobenzene (Surr)  | 96           |              | 50 - 131  |
| Dibromofluoromethane (Surr)  | 99           |              | 50 - 141  |
| 1,2-Dichloroethane-d4 (Surr) | 107          |              | 54 - 135  |
| Toluene-d8 (Surr)            | 99           |              | 52 - 141  |

Lab Sample ID: 410-139126-3 MSD

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: SS-11 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 410615

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane    | ND            | F1               | 22.6        | 12.7       | F1            | ug/Kg | ✖ | 56   | 69 - 123    | 17  | 30        |
| 1,1,2-Trichloroethane    | ND            | F1               | 22.6        | 9.63       | F1            | ug/Kg | ✖ | 43   | 80 - 120    | 21  | 30        |
| 1,1-Dichloroethene       | ND            | F1               | 22.6        | 15.7       | F1            | ug/Kg | ✖ | 70   | 73 - 129    | 14  | 30        |
| 1,2,4-Trichlorobenzene   | ND            | F1               | 22.6        | ND         | F1            | ug/Kg | ✖ | 0    | 56 - 130    | NC  | 30        |
| 1,2-Dichlorobenzene      | ND            | F2 F1            | 22.6        | 2.21       | J F2 F1       | ug/Kg | ✖ | 10   | 76 - 120    | 62  | 30        |
| 1,2-Dichloroethane       | ND            | F1               | 22.6        | 11.5       | F1            | ug/Kg | ✖ | 51   | 71 - 128    | 14  | 30        |
| 1,2-Dichloropropane      | ND            | F1               | 22.6        | 11.3       | F1            | ug/Kg | ✖ | 50   | 80 - 120    | 17  | 30        |
| 1,4-Dichlorobenzene      | ND            | F2 F1            | 22.6        | 1.96       | J F2 F1       | ug/Kg | ✖ | 9    | 80 - 120    | 60  | 30        |
| Benzene                  | ND            | F1               | 22.6        | 10.9       | F1            | ug/Kg | ✖ | 48   | 80 - 120    | 17  | 30        |
| Bromodichloromethane     | ND            | F1               | 22.6        | 9.50       | F1            | ug/Kg | ✖ | 42   | 70 - 120    | 15  | 30        |
| Bromoform                | ND            | F1               | 22.6        | 7.01       | J F1          | ug/Kg | ✖ | 31   | 51 - 127    | 27  | 30        |
| Carbon tetrachloride     | ND            | F1               | 22.6        | 11.5       | F1            | ug/Kg | ✖ | 51   | 64 - 134    | 16  | 30        |
| Chlorobenzene            | ND            | F2 F1            | 22.6        | 3.85       | J F2 F1       | ug/Kg | ✖ | 17   | 80 - 120    | 32  | 30        |
| Chloroform               | ND            | F1               | 22.6        | 11.7       | F1            | ug/Kg | ✖ | 52   | 80 - 120    | 15  | 30        |
| cis-1,2-Dichloroethene   | ND            | F1               | 22.6        | 11.9       | F1            | ug/Kg | ✖ | 53   | 80 - 123    | 15  | 30        |
| Dibromochloromethane     | ND            | F1               | 22.6        | 7.59       | F1            | ug/Kg | ✖ | 34   | 69 - 125    | 21  | 30        |
| Ethylbenzene             | ND            | F1               | 22.6        | 3.61       | J F1          | ug/Kg | ✖ | 16   | 78 - 120    | 30  | 30        |
| m&p-Xylene               | ND            | F2 F1            | 45.1        | 6.29       | F2 F1         | ug/Kg | ✖ | 14   | 80 - 120    | 33  | 30        |
| Methylene Chloride       | ND            | F1               | 22.6        | 12.5       | F1            | ug/Kg | ✖ | 55   | 76 - 122    | 13  | 30        |
| o-Xylene                 | ND            | F2 F1            | 22.6        | 3.35       | J F2 F1       | ug/Kg | ✖ | 15   | 75 - 120    | 33  | 30        |
| Styrene                  | ND            | F2 F1            | 22.6        | 2.40       | J F2 F1       | ug/Kg | ✖ | 11   | 76 - 120    | 41  | 30        |
| Tetrachloroethene        | ND            | F1               | 22.6        | 4.73       | J F1          | ug/Kg | ✖ | 21   | 73 - 120    | 30  | 30        |
| Toluene                  | ND            | F1               | 22.6        | 6.35       | F1            | ug/Kg | ✖ | 28   | 80 - 120    | 23  | 30        |
| trans-1,2-Dichloroethene | ND            | F1               | 22.6        | 11.7       | F1            | ug/Kg | ✖ | 52   | 80 - 125    | 17  | 30        |
| Trichloroethene          | ND            | F1               | 22.6        | 8.25       | F1            | ug/Kg | ✖ | 37   | 80 - 120    | 18  | 30        |
| Vinyl chloride           | ND            |                  | 22.6        | 17.7       |               | ug/Kg | ✖ | 78   | 52 - 120    | 8   | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | MSD Limits |
|-----------------------------|---------------|---------------|------------|
| 4-Bromofluorobenzene (Surr) | 97            |               | 50 - 131   |
| Dibromofluoromethane (Surr) | 98            |               | 50 - 141   |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-139126-3 MSD

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: SS-11 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 410615

|                              | MSD       | MSD       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 54 - 135 |
| Toluene-d8 (Surr)            | 99        |           | 52 - 141 |

Lab Sample ID: MB 410-410772/7

Matrix: Water

Analysis Batch: 410772

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                  | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane    | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| 1,1,2-Trichloroethane    | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| 1,1-Dichloroethene       | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| 1,2,4-Trichlorobenzene   | ND        |              | 5.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| 1,2-Dichlorobenzene      | ND        |              | 5.0 | 0.20 | ug/L |   |          | 08/21/23 21:35 | 1       |
| 1,2-Dichloroethane       | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| 1,2-Dichloropropane      | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| 1,4-Dichlorobenzene      | ND        |              | 5.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Benzene                  | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Bromodichloromethane     | ND        |              | 1.0 | 0.20 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Bromoform                | ND        |              | 4.0 | 1.0  | ug/L |   |          | 08/21/23 21:35 | 1       |
| Carbon tetrachloride     | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Chlorobenzene            | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Chloroform               | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| cis-1,2-Dichloroethene   | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Dibromochloromethane     | ND        |              | 1.0 | 0.20 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Ethylbenzene             | ND        |              | 1.0 | 0.40 | ug/L |   |          | 08/21/23 21:35 | 1       |
| m&p-Xylene               | ND        |              | 5.0 | 2.0  | ug/L |   |          | 08/21/23 21:35 | 1       |
| Methylene Chloride       | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| o-Xylene                 | ND        |              | 1.0 | 0.40 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Styrene                  | ND        |              | 5.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Tetrachloroethene        | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Toluene                  | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| trans-1,2-Dichloroethene | ND        |              | 2.0 | 0.70 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Trichloroethene          | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |
| Vinyl chloride           | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/21/23 21:35 | 1       |

|                                 | MB          | MB        |      |   |    |         |          |                |         |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/21/23 21:35 | 1       |

|                              | MB        | MB        |          |  |  |  |          |                |         |
|------------------------------|-----------|-----------|----------|--|--|--|----------|----------------|---------|
| Surrogate                    | %Recovery | Qualifier | Limits   |  |  |  | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 80 - 120 |  |  |  |          | 08/21/23 21:35 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 80 - 120 |  |  |  |          | 08/21/23 21:35 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 80 - 120 |  |  |  |          | 08/21/23 21:35 | 1       |
| Toluene-d8 (Surr)            | 92        |           | 80 - 120 |  |  |  |          | 08/21/23 21:35 | 1       |



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-410772/4

Matrix: Water

Analysis Batch: 410772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|------|---|------|-------------|
|                          |             |            |               |      |   |      |             |
| 1,1,1-Trichloroethane    | 20.0        | 20.0       |               | ug/L |   | 100  | 67 - 126    |
| 1,1,2-Trichloroethane    | 20.0        | 17.4       |               | ug/L |   | 87   | 80 - 120    |
| 1,1-Dichloroethene       | 20.0        | 20.4       |               | ug/L |   | 102  | 80 - 131    |
| 1,2,4-Trichlorobenzene   | 20.0        | 19.0       |               | ug/L |   | 95   | 63 - 120    |
| 1,2-Dichlorobenzene      | 20.0        | 18.5       |               | ug/L |   | 93   | 80 - 120    |
| 1,2-Dichloroethane       | 20.0        | 20.4       |               | ug/L |   | 102  | 73 - 124    |
| 1,2-Dichloropropane      | 20.0        | 20.8       |               | ug/L |   | 104  | 80 - 120    |
| 1,4-Dichlorobenzene      | 20.0        | 19.5       |               | ug/L |   | 97   | 80 - 120    |
| Benzene                  | 20.0        | 21.5       |               | ug/L |   | 108  | 80 - 120    |
| Bromodichloromethane     | 20.0        | 20.8       |               | ug/L |   | 104  | 71 - 120    |
| Bromoform                | 20.0        | 19.1       |               | ug/L |   | 95   | 51 - 120    |
| Carbon tetrachloride     | 20.0        | 20.8       |               | ug/L |   | 104  | 64 - 134    |
| Chlorobenzene            | 20.0        | 19.1       |               | ug/L |   | 95   | 80 - 120    |
| Chloroform               | 20.0        | 21.2       |               | ug/L |   | 106  | 80 - 120    |
| cis-1,2-Dichloroethene   | 20.0        | 21.4       |               | ug/L |   | 107  | 80 - 125    |
| Dibromochloromethane     | 20.0        | 18.2       |               | ug/L |   | 91   | 71 - 120    |
| Ethylbenzene             | 20.0        | 18.9       |               | ug/L |   | 94   | 80 - 120    |
| m&p-Xylene               | 40.0        | 37.3       |               | ug/L |   | 93   | 80 - 120    |
| Methylene Chloride       | 20.0        | 20.8       |               | ug/L |   | 104  | 80 - 120    |
| o-Xylene                 | 20.0        | 18.7       |               | ug/L |   | 93   | 80 - 120    |
| Styrene                  | 20.0        | 18.3       |               | ug/L |   | 92   | 80 - 120    |
| Tetrachloroethene        | 20.0        | 19.1       |               | ug/L |   | 96   | 80 - 120    |
| Toluene                  | 20.0        | 18.9       |               | ug/L |   | 94   | 80 - 120    |
| trans-1,2-Dichloroethene | 20.0        | 20.3       |               | ug/L |   | 102  | 80 - 126    |
| Trichloroethene          | 20.0        | 20.2       |               | ug/L |   | 101  | 80 - 120    |
| Vinyl chloride           | 20.0        | 16.8       |               | ug/L |   | 84   | 56 - 120    |

| Surrogate                    | LCS LCS   |           | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 80 - 120 |
| Dibromofluoromethane (Surr)  | 101       |           | 80 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 80 - 120 |
| Toluene-d8 (Surr)            | 92        |           | 80 - 120 |

Lab Sample ID: LCSD 410-410772/5

Matrix: Water

Analysis Batch: 410772

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
|                        |             |             |                |      |   |      |             |     |           |
| 1,1,1-Trichloroethane  | 20.0        | 20.0        |                | ug/L |   | 100  | 67 - 126    | 0   | 30        |
| 1,1,2-Trichloroethane  | 20.0        | 18.0        |                | ug/L |   | 90   | 80 - 120    | 3   | 30        |
| 1,1-Dichloroethene     | 20.0        | 20.1        |                | ug/L |   | 101  | 80 - 131    | 1   | 30        |
| 1,2,4-Trichlorobenzene | 20.0        | 19.2        |                | ug/L |   | 96   | 63 - 120    | 1   | 30        |
| 1,2-Dichlorobenzene    | 20.0        | 18.2        |                | ug/L |   | 91   | 80 - 120    | 2   | 30        |
| 1,2-Dichloroethane     | 20.0        | 20.2        |                | ug/L |   | 101  | 73 - 124    | 1   | 30        |
| 1,2-Dichloropropane    | 20.0        | 20.6        |                | ug/L |   | 103  | 80 - 120    | 1   | 30        |
| 1,4-Dichlorobenzene    | 20.0        | 19.4        |                | ug/L |   | 97   | 80 - 120    | 1   | 30        |
| Benzene                | 20.0        | 21.5        |                | ug/L |   | 107  | 80 - 120    | 0   | 30        |
| Bromodichloromethane   | 20.0        | 21.0        |                | ug/L |   | 105  | 71 - 120    | 1   | 30        |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-410772/5

Matrix: Water

Analysis Batch: 410772

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                  | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Bromoform                | 20.0        | 19.4        |                | ug/L |   | 97   | 51 - 120    | 2   | 30        |
| Carbon tetrachloride     | 20.0        | 21.1        |                | ug/L |   | 106  | 64 - 134    | 1   | 30        |
| Chlorobenzene            | 20.0        | 18.7        |                | ug/L |   | 93   | 80 - 120    | 2   | 30        |
| Chloroform               | 20.0        | 20.8        |                | ug/L |   | 104  | 80 - 120    | 2   | 30        |
| cis-1,2-Dichloroethene   | 20.0        | 21.8        |                | ug/L |   | 109  | 80 - 125    | 2   | 30        |
| Dibromochloromethane     | 20.0        | 18.6        |                | ug/L |   | 93   | 71 - 120    | 2   | 30        |
| Ethylbenzene             | 20.0        | 18.9        |                | ug/L |   | 95   | 80 - 120    | 0   | 30        |
| m&p-Xylene               | 40.0        | 36.9        |                | ug/L |   | 92   | 80 - 120    | 1   | 30        |
| Methylene Chloride       | 20.0        | 20.5        |                | ug/L |   | 103  | 80 - 120    | 2   | 30        |
| o-Xylene                 | 20.0        | 18.5        |                | ug/L |   | 92   | 80 - 120    | 1   | 30        |
| Styrene                  | 20.0        | 18.4        |                | ug/L |   | 92   | 80 - 120    | 0   | 30        |
| Tetrachloroethene        | 20.0        | 18.7        |                | ug/L |   | 94   | 80 - 120    | 2   | 30        |
| Toluene                  | 20.0        | 18.6        |                | ug/L |   | 93   | 80 - 120    | 2   | 30        |
| trans-1,2-Dichloroethene | 20.0        | 20.1        |                | ug/L |   | 100  | 80 - 126    | 1   | 30        |
| Trichloroethene          | 20.0        | 20.3        |                | ug/L |   | 101  | 80 - 120    | 0   | 30        |
| Vinyl chloride           | 20.0        | 17.6        |                | ug/L |   | 88   | 56 - 120    | 4   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr)  | 98             |                | 80 - 120 |
| Dibromofluoromethane (Surr)  | 104            |                | 80 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 95             |                | 80 - 120 |
| Toluene-d8 (Surr)            | 92             |                | 80 - 120 |

Lab Sample ID: MB 410-412435/7

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|-----|------|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane  | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| 1,1,2-Trichloroethane  | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| 1,1-Dichloroethene     | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| 1,2,4-Trichlorobenzene | ND        |              | 10  | 5.0  | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| 1,2-Dichlorobenzene    | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| 1,2-Dichloroethane     | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| 1,2-Dichloropropane    | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| 1,4-Dichlorobenzene    | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Benzene                | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Bromodichloromethane   | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Bromoform              | ND        |              | 10  | 5.0  | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Carbon tetrachloride   | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Chlorobenzene          | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Chloroform             | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| cis-1,2-Dichloroethene | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Dibromochloromethane   | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Ethylbenzene           | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| m&p-Xylene             | ND        |              | 5.0 | 2.0  | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Methylene Chloride     | ND        |              | 5.0 | 2.0  | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| o-Xylene               | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/25/23 11:50 | 1       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-412435/7

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                  | MB Result | MB Qualifier | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|-----------|--------------|-----|------|-------|---|----------|----------------|---------|
| Styrene                  | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Tetrachloroethene        | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Toluene                  | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| trans-1,2-Dichloroethene | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Trichloroethene          | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/25/23 11:50 | 1       |
| Vinyl chloride           | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/25/23 11:50 | 1       |

| Tentatively Identified Compound | MB Est. Result | MB Qualifier | Unit  | D | RT    | CAS No.  | Prepared | Analyzed       | Dil Fac |
|---------------------------------|----------------|--------------|-------|---|-------|----------|----------|----------------|---------|
| Isopropyl alcohol               | 41.3           | J            | ug/Kg |   | 3.57  | 67-63-0  |          | 08/25/23 11:50 | 1       |
| Unknown                         | 6.73           | T J          | ug/Kg |   | 5.76  | N/A      |          | 08/25/23 11:50 | 1       |
| Cyclotrisiloxane, hexamethyl-   | 17.5           | T J N        | ug/Kg |   | 10.06 | 541-05-9 |          | 08/25/23 11:50 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 95           |              | 50 - 131 |          | 08/25/23 11:50 | 1       |
| Dibromofluoromethane (Surr)  | 97           |              | 50 - 141 |          | 08/25/23 11:50 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 103          |              | 54 - 135 |          | 08/25/23 11:50 | 1       |
| Toluene-d8 (Surr)            | 98           |              | 52 - 141 |          | 08/25/23 11:50 | 1       |

Lab Sample ID: LCS 410-412435/4

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane    | 20.0        | 17.5       |               | ug/Kg |   | 87   | 69 - 123    |
| 1,1,2-Trichloroethane    | 20.0        | 18.9       |               | ug/Kg |   | 95   | 80 - 120    |
| 1,1-Dichloroethene       | 20.0        | 18.9       |               | ug/Kg |   | 95   | 73 - 129    |
| 1,2,4-Trichlorobenzene   | 20.0        | 18.2       |               | ug/Kg |   | 91   | 56 - 130    |
| 1,2-Dichlorobenzene      | 20.0        | 18.5       |               | ug/Kg |   | 92   | 76 - 120    |
| 1,2-Dichloroethane       | 20.0        | 18.2       |               | ug/Kg |   | 91   | 71 - 128    |
| 1,2-Dichloropropane      | 20.0        | 19.2       |               | ug/Kg |   | 96   | 80 - 120    |
| 1,4-Dichlorobenzene      | 20.0        | 19.3       |               | ug/Kg |   | 97   | 80 - 120    |
| Benzene                  | 20.0        | 19.0       |               | ug/Kg |   | 95   | 80 - 120    |
| Bromodichloromethane     | 20.0        | 17.9       |               | ug/Kg |   | 89   | 70 - 120    |
| Bromoform                | 20.0        | 18.1       |               | ug/Kg |   | 91   | 51 - 127    |
| Carbon tetrachloride     | 20.0        | 17.0       |               | ug/Kg |   | 85   | 64 - 134    |
| Chlorobenzene            | 20.0        | 18.5       |               | ug/Kg |   | 93   | 80 - 120    |
| Chloroform               | 20.0        | 18.0       |               | ug/Kg |   | 90   | 80 - 120    |
| cis-1,2-Dichloroethene   | 20.0        | 18.9       |               | ug/Kg |   | 95   | 80 - 125    |
| Dibromochloromethane     | 20.0        | 17.6       |               | ug/Kg |   | 88   | 69 - 125    |
| Ethylbenzene             | 20.0        | 18.5       |               | ug/Kg |   | 92   | 78 - 120    |
| m&p-Xylene               | 40.0        | 37.1       |               | ug/Kg |   | 93   | 80 - 120    |
| Methylene Chloride       | 20.0        | 17.3       |               | ug/Kg |   | 86   | 76 - 122    |
| o-Xylene                 | 20.0        | 18.6       |               | ug/Kg |   | 93   | 75 - 120    |
| Styrene                  | 20.0        | 17.8       |               | ug/Kg |   | 89   | 76 - 120    |
| Tetrachloroethene        | 20.0        | 17.5       |               | ug/Kg |   | 87   | 73 - 120    |
| Toluene                  | 20.0        | 18.8       |               | ug/Kg |   | 94   | 80 - 120    |
| trans-1,2-Dichloroethene | 20.0        | 18.0       |               | ug/Kg |   | 90   | 80 - 126    |
| Trichloroethene          | 20.0        | 18.0       |               | ug/Kg |   | 90   | 80 - 120    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-412435/4

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------------|-------------|------------|---------------|-------|---|------|-------------|
| Vinyl chloride | 20.0        | 17.7       |               | ug/Kg |   | 89   | 52 - 120    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr)  | 98            |               | 50 - 131 |
| Dibromofluoromethane (Surr)  | 96            |               | 50 - 141 |
| 1,2-Dichloroethane-d4 (Surr) | 100           |               | 54 - 135 |
| Toluene-d8 (Surr)            | 100           |               | 52 - 141 |

Lab Sample ID: LCSD 410-412435/5

Matrix: Solid

Analysis Batch: 412435

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane    | 20.0        | 17.2        |                | ug/Kg |   | 86   | 69 - 123    | 2   | 30        |
| 1,1,2-Trichloroethane    | 20.0        | 18.2        |                | ug/Kg |   | 91   | 80 - 120    | 4   | 30        |
| 1,1-Dichloroethene       | 20.0        | 18.6        |                | ug/Kg |   | 93   | 73 - 129    | 2   | 30        |
| 1,2,4-Trichlorobenzene   | 20.0        | 17.6        |                | ug/Kg |   | 88   | 56 - 130    | 3   | 30        |
| 1,2-Dichlorobenzene      | 20.0        | 18.0        |                | ug/Kg |   | 90   | 76 - 120    | 3   | 30        |
| 1,2-Dichloroethane       | 20.0        | 17.9        |                | ug/Kg |   | 89   | 71 - 128    | 2   | 30        |
| 1,2-Dichloropropane      | 20.0        | 19.0        |                | ug/Kg |   | 95   | 80 - 120    | 1   | 30        |
| 1,4-Dichlorobenzene      | 20.0        | 18.7        |                | ug/Kg |   | 94   | 80 - 120    | 3   | 30        |
| Benzene                  | 20.0        | 18.8        |                | ug/Kg |   | 94   | 80 - 120    | 1   | 30        |
| Bromodichloromethane     | 20.0        | 17.3        |                | ug/Kg |   | 87   | 70 - 120    | 3   | 30        |
| Bromoform                | 20.0        | 17.0        |                | ug/Kg |   | 85   | 51 - 127    | 7   | 30        |
| Carbon tetrachloride     | 20.0        | 16.6        |                | ug/Kg |   | 83   | 64 - 134    | 2   | 30        |
| Chlorobenzene            | 20.0        | 17.6        |                | ug/Kg |   | 88   | 80 - 120    | 5   | 30        |
| Chloroform               | 20.0        | 17.8        |                | ug/Kg |   | 89   | 80 - 120    | 1   | 30        |
| cis-1,2-Dichloroethene   | 20.0        | 18.5        |                | ug/Kg |   | 93   | 80 - 125    | 2   | 30        |
| Dibromochloromethane     | 20.0        | 16.9        |                | ug/Kg |   | 84   | 69 - 125    | 4   | 30        |
| Ethylbenzene             | 20.0        | 17.8        |                | ug/Kg |   | 89   | 78 - 120    | 4   | 30        |
| m&p-Xylene               | 40.0        | 36.2        |                | ug/Kg |   | 90   | 80 - 120    | 3   | 30        |
| Methylene Chloride       | 20.0        | 16.7        |                | ug/Kg |   | 83   | 76 - 122    | 3   | 30        |
| o-Xylene                 | 20.0        | 18.0        |                | ug/Kg |   | 90   | 75 - 120    | 3   | 30        |
| Styrene                  | 20.0        | 17.2        |                | ug/Kg |   | 86   | 76 - 120    | 3   | 30        |
| Tetrachloroethene        | 20.0        | 17.1        |                | ug/Kg |   | 85   | 73 - 120    | 2   | 30        |
| Toluene                  | 20.0        | 17.9        |                | ug/Kg |   | 90   | 80 - 120    | 5   | 30        |
| trans-1,2-Dichloroethene | 20.0        | 17.5        |                | ug/Kg |   | 87   | 80 - 126    | 3   | 30        |
| Trichloroethene          | 20.0        | 17.3        |                | ug/Kg |   | 86   | 80 - 120    | 4   | 30        |
| Vinyl chloride           | 20.0        | 17.3        |                | ug/Kg |   | 87   | 52 - 120    | 3   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr)  | 97             |                | 50 - 131 |
| Dibromofluoromethane (Surr)  | 97             |                | 50 - 141 |
| 1,2-Dichloroethane-d4 (Surr) | 98             |                | 54 - 135 |
| Toluene-d8 (Surr)            | 99             |                | 52 - 141 |



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-409814/1-A

Matrix: Water

Analysis Batch: 410233

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409814

| Analyte                      | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2,4,5-Trichlorophenol        | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2,4,6-Trichlorophenol        | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2,4-Dichlorophenol           | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2,4-Dimethylphenol           | ND           |                 | 10   | 3.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2,4-Dinitrophenol            | ND           |                 | 30   | 14   | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2,4-Dinitrotoluene           | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2,6-Dinitrotoluene           | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2-Chloronaphthalene          | ND           |                 | 1.0  | 0.40 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2-Chlorophenol               | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2-Methylnaphthalene          | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2-Methylphenol               | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2-Nitroaniline               | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2-Nitrophenol                | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 3,3'-Dichlorobenzidine       | ND           |                 | 10   | 4.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 3-Nitroaniline               | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND           |                 | 21   | 8.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 4-Bromophenyl phenyl ether   | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 4-Chloro-3-methylphenol      | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 4-Chloroaniline              | ND           |                 | 10   | 4.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 4-Chlorophenyl phenyl ether  | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 4-Methylphenol               | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 4-Nitroaniline               | ND           |                 | 3.0  | 0.90 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 4-Nitrophenol                | ND           |                 | 30   | 10   | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Acenaphthene                 | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Acenaphthylene               | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Acetophenone                 | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Anthracene                   | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Atrazine                     | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Benzaldehyde                 | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Benzo[a]anthracene           | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Benzo[a]pyrene               | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Benzo[b]fluoranthene         | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Benzo[g,h,i]perylene         | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Benzo[k]fluoranthene         | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Butyl benzyl phthalate       | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Caprolactam                  | ND           |                 | 7.0  | 3.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Carbazole                    | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Chrysene                     | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Di-n-butyl phthalate         | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Di-n-octyl phthalate         | ND           |                 | 11   | 5.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Dibenz(a,h)anthracene        | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Dibenzofuran                 | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Diethyl phthalate            | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Dimethyl phthalate           | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Fluoranthene                 | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Fluorene                     | ND           |                 | 0.50 | 0.12 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-409814/1-A

Matrix: Water

Analysis Batch: 410233

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409814

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|------|------|---|----------------|----------------|---------|
| Hexachlorobenzene           | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Hexachlorobutadiene         | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Hexachlorocyclopentadiene   | ND           |                 | 11   | 5.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Hexachloroethane            | ND           |                 | 5.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Isophorone                  | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| N-Nitrosodi-n-propylamine   | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Bis(2-chloroethoxy)methane  | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| N-Nitrosodiphenylamine      | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Bis(2-chloroethyl)ether     | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Naphthalene                 | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Bis(2-ethylhexyl) phthalate | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Nitrobenzene                | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Pentachlorophenol           | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Phenanthrene                | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Phenol                      | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Pyrene                      | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/18/23 07:46 | 08/19/23 13:00 | 1       |

| Tentatively Identified Compound | MB<br>Est. Result | MB<br>Qualifier | Unit | D | RT   | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------------|-----------------|------|---|------|----------|----------------|----------------|---------|
| Unknown                         | 18.0              | T J             | ug/L |   | 1.29 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Butane, 2-chloro-2-methyl-      | 42.3              | T J N           | ug/L |   | 1.42 | 594-36-5 | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 15.6              | T J             | ug/L |   | 2.50 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 12.0              | T J             | ug/L |   | 2.76 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 39.6              | T J             | ug/L |   | 3.15 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 9.24              | T J             | ug/L |   | 3.27 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 12.7              | T J             | ug/L |   | 3.34 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 140               | T J             | ug/L |   | 3.47 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 34.8              | T J             | ug/L |   | 3.49 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 4.79              | T J             | ug/L |   | 3.56 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 41.3              | T J             | ug/L |   | 3.59 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 10.9              | T J             | ug/L |   | 3.69 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 62.2              | T J             | ug/L |   | 3.72 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 70.0              | T J             | ug/L |   | 3.74 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Unknown                         | 11.8              | T J             | ug/L |   | 3.79 | N/A      | 08/18/23 07:46 | 08/19/23 13:00 | 1       |

| Surrogate                   | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr)     | 62              |                 | 44 - 120 | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2-Fluorophenol (Surr)       | 53              |                 | 10 - 120 | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Nitrobenzene-d5 (Surr)      | 83              |                 | 31 - 120 | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| 2,4,6-Tribromophenol (Surr) | 85              |                 | 13 - 138 | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| p-Terphenyl-d14 (Surr)      | 87              |                 | 30 - 125 | 08/18/23 07:46 | 08/19/23 13:00 | 1       |
| Phenol-d5 (Surr)            | 39              |                 | 10 - 120 | 08/18/23 07:46 | 08/19/23 13:00 | 1       |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-409814/2-A

Matrix: Water

Analysis Batch: 410233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409814

| Analyte                      | Spike | LCS    | LCS       | Unit | D | %Rec | %Rec | Limits   |
|------------------------------|-------|--------|-----------|------|---|------|------|----------|
|                              | Added | Result | Qualifier |      |   |      |      |          |
| 1,1'-Biphenyl                | 50.0  | 43.0   |           | ug/L |   | 86   |      | 55 - 120 |
| 2,2'-oxybis[1-chloropropane] | 50.0  | 48.4   |           | ug/L |   | 97   |      | 43 - 121 |
| 2,4,5-Trichlorophenol        | 50.0  | 50.7   |           | ug/L |   | 101  |      | 60 - 136 |
| 2,4,6-Trichlorophenol        | 50.0  | 51.9   |           | ug/L |   | 104  |      | 63 - 133 |
| 2,4-Dichlorophenol           | 50.0  | 49.9   |           | ug/L |   | 100  |      | 60 - 127 |
| 2,4-Dimethylphenol           | 50.0  | 46.8   |           | ug/L |   | 94   |      | 62 - 120 |
| 2,4-Dinitrophenol            | 100   | 85.7   |           | ug/L |   | 86   |      | 36 - 147 |
| 2,4-Dinitrotoluene           | 50.0  | 50.8   |           | ug/L |   | 102  |      | 66 - 131 |
| 2,6-Dinitrotoluene           | 50.0  | 49.0   |           | ug/L |   | 98   |      | 66 - 129 |
| 2-Chloronaphthalene          | 50.0  | 48.2   |           | ug/L |   | 96   |      | 51 - 120 |
| 2-Chlorophenol               | 50.0  | 42.7   |           | ug/L |   | 85   |      | 57 - 120 |
| 2-Methylnaphthalene          | 50.0  | 42.3   |           | ug/L |   | 85   |      | 53 - 120 |
| 2-Methylphenol               | 50.0  | 45.5   |           | ug/L |   | 91   |      | 58 - 120 |
| 2-Nitroaniline               | 50.0  | 45.3   |           | ug/L |   | 91   |      | 63 - 134 |
| 2-Nitrophenol                | 50.0  | 46.1   |           | ug/L |   | 92   |      | 57 - 127 |
| 3,3'-Dichlorobenzidine       | 100   | 83.3   |           | ug/L |   | 83   |      | 31 - 120 |
| 3-Nitroaniline               | 50.0  | 50.4   |           | ug/L |   | 101  |      | 44 - 125 |
| 4,6-Dinitro-2-methylphenol   | 100   | 118    |           | ug/L |   | 118  |      | 54 - 148 |
| 4-Bromophenyl phenyl ether   | 50.0  | 50.0   |           | ug/L |   | 100  |      | 66 - 120 |
| 4-Chloro-3-methylphenol      | 50.0  | 49.6   |           | ug/L |   | 99   |      | 57 - 129 |
| 4-Chloroaniline              | 50.0  | 40.4   |           | ug/L |   | 81   |      | 33 - 120 |
| 4-Chlorophenyl phenyl ether  | 50.0  | 46.0   |           | ug/L |   | 92   |      | 59 - 120 |
| 4-Methylphenol               | 50.0  | 39.0   |           | ug/L |   | 78   |      | 49 - 120 |
| 4-Nitroaniline               | 50.0  | 50.2   |           | ug/L |   | 100  |      | 55 - 126 |
| 4-Nitrophenol                | 100   | 65.8   |           | ug/L |   | 66   |      | 17 - 120 |
| Acenaphthene                 | 50.0  | 42.6   |           | ug/L |   | 85   |      | 59 - 120 |
| Acenaphthylene               | 50.0  | 46.1   |           | ug/L |   | 92   |      | 61 - 121 |
| Acetophenone                 | 50.0  | 47.2   |           | ug/L |   | 94   |      | 60 - 120 |
| Anthracene                   | 50.0  | 53.0   |           | ug/L |   | 106  |      | 67 - 123 |
| Atrazine                     | 50.0  | 51.4   |           | ug/L |   | 103  |      | 53 - 126 |
| Benzaldehyde                 | 50.0  | 55.2   |           | ug/L |   | 110  |      | 36 - 120 |
| Benzo[a]anthracene           | 50.0  | 49.4   |           | ug/L |   | 99   |      | 66 - 133 |
| Benzo[a]pyrene               | 50.0  | 51.5   |           | ug/L |   | 103  |      | 64 - 131 |
| Benzo[b]fluoranthene         | 50.0  | 46.1   |           | ug/L |   | 92   |      | 64 - 124 |
| Benzo[g,h,i]perylene         | 50.0  | 52.8   |           | ug/L |   | 106  |      | 60 - 136 |
| Benzo[k]fluoranthene         | 50.0  | 49.1   |           | ug/L |   | 98   |      | 67 - 132 |
| Butyl benzyl phthalate       | 50.0  | 44.7   |           | ug/L |   | 89   |      | 30 - 128 |
| Caprolactam                  | 50.0  | 15.5   |           | ug/L |   | 31   |      | 12 - 120 |
| Carbazole                    | 50.0  | 52.9   |           | ug/L |   | 106  |      | 65 - 135 |
| Chrysene                     | 50.0  | 53.0   |           | ug/L |   | 106  |      | 70 - 128 |
| Di-n-butyl phthalate         | 50.0  | 49.6   |           | ug/L |   | 99   |      | 58 - 132 |
| Di-n-octyl phthalate         | 50.0  | 42.3   |           | ug/L |   | 85   |      | 52 - 146 |
| Dibenz(a,h)anthracene        | 50.0  | 49.5   |           | ug/L |   | 99   |      | 59 - 135 |
| Dibenzofuran                 | 50.0  | 44.3   |           | ug/L |   | 89   |      | 63 - 120 |
| Diethyl phthalate            | 50.0  | 46.5   |           | ug/L |   | 93   |      | 46 - 123 |
| Dimethyl phthalate           | 50.0  | 46.4   |           | ug/L |   | 93   |      | 10 - 135 |
| Fluoranthene                 | 50.0  | 53.7   |           | ug/L |   | 107  |      | 70 - 128 |
| Fluorene                     | 50.0  | 47.1   |           | ug/L |   | 94   |      | 66 - 120 |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-409814/2-A

Matrix: Water

Analysis Batch: 410233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409814

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Hexachlorobenzene           | 50.0        | 51.1       |               | ug/L |   | 102  | 61 - 126    |
| Hexachlorobutadiene         | 50.0        | 38.1       |               | ug/L |   | 76   | 10 - 120    |
| Hexachlorocyclopentadiene   | 50.0        | 12.4       |               | ug/L |   | 25   | 10 - 120    |
| Hexachloroethane            | 50.0        | 39.7       |               | ug/L |   | 79   | 16 - 120    |
| Indeno[1,2,3-cd]pyrene      | 50.0        | 56.3       |               | ug/L |   | 113  | 55 - 134    |
| Isophorone                  | 50.0        | 50.8       |               | ug/L |   | 102  | 63 - 124    |
| N-Nitrosodi-n-propylamine   | 50.0        | 46.2       |               | ug/L |   | 92   | 57 - 120    |
| Bis(2-chloroethoxy)methane  | 50.0        | 50.0       |               | ug/L |   | 100  | 61 - 123    |
| N-Nitrosodiphenylamine      | 42.5        | 42.8       |               | ug/L |   | 101  | 64 - 130    |
| Bis(2-chloroethyl)ether     | 50.0        | 49.2       |               | ug/L |   | 98   | 62 - 120    |
| Naphthalene                 | 50.0        | 44.5       |               | ug/L |   | 89   | 55 - 120    |
| Bis(2-ethylhexyl) phthalate | 50.0        | 46.2       |               | ug/L |   | 92   | 60 - 133    |
| Nitrobenzene                | 50.0        | 50.5       |               | ug/L |   | 101  | 59 - 120    |
| Pentachlorophenol           | 100         | 134        |               | ug/L |   | 134  | 51 - 138    |
| Phenanthrene                | 50.0        | 50.0       |               | ug/L |   | 100  | 66 - 120    |
| Phenol                      | 50.0        | 28.7       |               | ug/L |   | 57   | 22 - 120    |
| Pyrene                      | 50.0        | 47.4       |               | ug/L |   | 95   | 67 - 126    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2-Fluorobiphenyl (Surr)     | 60            |               | 44 - 120 |
| 2-Fluorophenol (Surr)       | 52            |               | 10 - 120 |
| Nitrobenzene-d5 (Surr)      | 71            |               | 31 - 120 |
| 2,4,6-Tribromophenol (Surr) | 78            |               | 13 - 138 |
| p-Terphenyl-d14 (Surr)      | 79            |               | 30 - 125 |
| Phenol-d5 (Surr)            | 43            |               | 10 - 120 |

Lab Sample ID: MB 410-410100/1-A

Matrix: Solid

Analysis Batch: 410256

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 410100

| Analyte                      | MB Result | MB Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND        |              | 37   | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND        |              | 43   | 20  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2,4,5-Trichlorophenol        | ND        |              | 37   | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2,4,6-Trichlorophenol        | ND        |              | 37   | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2,4-Dichlorophenol           | ND        |              | 43   | 20  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2,4-Dimethylphenol           | ND        |              | 37   | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2,4-Dinitrophenol            | ND        |              | 1000 | 170 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2,4-Dinitrotoluene           | ND        |              | 170  | 33  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2,6-Dinitrotoluene           | ND        |              | 37   | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2-Chloronaphthalene          | ND        |              | 33   | 13  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2-Chlorophenol               | ND        |              | 37   | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2-Methylnaphthalene          | ND        |              | 17   | 5.0 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2-Methylphenol               | ND        |              | 50   | 20  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2-Nitroaniline               | ND        |              | 50   | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2-Nitrophenol                | ND        |              | 50   | 20  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 3,3'-Dichlorobenzidine       | ND        |              | 170  | 33  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 3-Nitroaniline               | ND        |              | 170  | 33  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-410100/1-A

Matrix: Solid

Analysis Batch: 410256

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 410100

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|-----|-----|-------|---|----------------|----------------|---------|
| 4,6-Dinitro-2-methylphenol  | ND           |                 | 500 | 170 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 4-Bromophenyl phenyl ether  | ND           |                 | 37  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 4-Chloro-3-methylphenol     | ND           |                 | 50  | 20  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 4-Chloroaniline             | ND           |                 | 170 | 33  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 4-Chlorophenyl phenyl ether | ND           |                 | 37  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 4-Methylphenol              | ND           |                 | 50  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 4-Nitroaniline              | ND           |                 | 170 | 33  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 4-Nitrophenol               | ND           |                 | 500 | 170 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Acenaphthene                | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Acenaphthylene              | ND           |                 | 17  | 4.0 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Acetophenone                | ND           |                 | 50  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Anthracene                  | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Atrazine                    | ND           |                 | 170 | 67  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Benzaldehyde                | ND           |                 | 170 | 33  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Benzo[a]anthracene          | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Benzo[a]pyrene              | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Benzo[b]fluoranthene        | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Benzo[g,h,i]perylene        | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Benzo[k]fluoranthene        | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Butyl benzyl phthalate      | ND           |                 | 170 | 67  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Caprolactam                 | ND           |                 | 170 | 33  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Carbazole                   | ND           |                 | 37  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Chrysene                    | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Di-n-butyl phthalate        | ND           |                 | 170 | 67  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Di-n-octyl phthalate        | ND           |                 | 170 | 67  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Dibenz(a,h)anthracene       | ND           |                 | 17  | 6.7 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Dibenzofuran                | ND           |                 | 37  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Diethyl phthalate           | ND           |                 | 170 | 67  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Dimethyl phthalate          | ND           |                 | 170 | 67  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Fluoranthene                | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Fluorene                    | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Hexachlorobenzene           | ND           |                 | 17  | 6.7 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Hexachlorobutadiene         | ND           |                 | 50  | 20  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Hexachlorocyclopentadiene   | ND           |                 | 500 | 170 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Hexachloroethane            | ND           |                 | 170 | 33  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND           |                 | 17  | 4.0 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Isophorone                  | ND           |                 | 67  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| N-Nitrosodi-n-propylamine   | ND           |                 | 67  | 33  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Bis(2-chloroethoxy)methane  | ND           |                 | 37  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| N-Nitrosodiphenylamine      | ND           |                 | 37  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Bis(2-chloroethyl)ether     | ND           |                 | 37  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Naphthalene                 | ND           |                 | 17  | 6.7 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Bis(2-ethylhexyl) phthalate | ND           |                 | 170 | 67  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Nitrobenzene                | ND           |                 | 37  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Pentachlorophenol           | ND           |                 | 170 | 67  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Phenanthrene                | ND           |                 | 17  | 4.0 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Phenol                      | ND           |                 | 37  | 17  | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Pyrene                      | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/18/23 16:30 | 08/19/23 15:01 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-410100/1-A

Matrix: Solid

Analysis Batch: 410256

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 410100

|                                 | MB          | MB        |       |   |      |         |                |                |         |
|---------------------------------|-------------|-----------|-------|---|------|---------|----------------|----------------|---------|
| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
| Unknown                         | 562         | T J       | ug/Kg |   | 3.09 | N/A     | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Unknown                         | 166         | T J       | ug/Kg |   | 3.59 | N/A     | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Unknown                         | 717         | T J       | ug/Kg |   | 3.96 | N/A     | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Unknown                         | 210         | T J       | ug/Kg |   | 4.08 | N/A     | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Unknown                         | 610         | T J       | ug/Kg |   | 4.26 | N/A     | 08/18/23 16:30 | 08/19/23 15:01 | 1       |

|                             | MB        | MB        |          |  |  |  |                |                |         |
|-----------------------------|-----------|-----------|----------|--|--|--|----------------|----------------|---------|
| Surrogate                   | %Recovery | Qualifier | Limits   |  |  |  | Prepared       | Analyzed       | Dil Fac |
| 2-Fluorobiphenyl (Surr)     | 80        |           | 37 - 120 |  |  |  | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2-Fluorophenol (Surr)       | 62        |           | 22 - 120 |  |  |  | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 26 - 120 |  |  |  | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| 2,4,6-Tribromophenol (Surr) | 91        |           | 10 - 138 |  |  |  | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| p-Terphenyl-d14 (Surr)      | 99        |           | 40 - 133 |  |  |  | 08/18/23 16:30 | 08/19/23 15:01 | 1       |
| Phenol-d5 (Surr)            | 64        |           | 27 - 120 |  |  |  | 08/18/23 16:30 | 08/19/23 15:01 | 1       |

Lab Sample ID: LCS 410-410100/2-A

Matrix: Solid

Analysis Batch: 410256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 410100

|                              | Spike | LCS    | LCS       |       |   |      |          | %Rec |  |
|------------------------------|-------|--------|-----------|-------|---|------|----------|------|--|
| Analyte                      | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |      |  |
| 1,1'-Biphenyl                | 1670  | 1400   |           | ug/Kg |   | 84   | 63 - 120 |      |  |
| 2,2'-oxybis[1-chloropropane] | 1670  | 1320   |           | ug/Kg |   | 79   | 22 - 125 |      |  |
| 2,4,5-Trichlorophenol        | 1670  | 1710   |           | ug/Kg |   | 103  | 63 - 120 |      |  |
| 2,4,6-Trichlorophenol        | 1670  | 1730   |           | ug/Kg |   | 104  | 58 - 124 |      |  |
| 2,4-Dichlorophenol           | 1670  | 1530   |           | ug/Kg |   | 92   | 64 - 120 |      |  |
| 2,4-Dimethylphenol           | 1670  | 1340   |           | ug/Kg |   | 81   | 63 - 120 |      |  |
| 2,4-Dinitrophenol            | 3330  | 3020   |           | ug/Kg |   | 91   | 36 - 130 |      |  |
| 2,4-Dinitrotoluene           | 1670  | 1660   |           | ug/Kg |   | 99   | 65 - 120 |      |  |
| 2,6-Dinitrotoluene           | 1670  | 1630   |           | ug/Kg |   | 98   | 67 - 120 |      |  |
| 2-Chloronaphthalene          | 1670  | 1490   |           | ug/Kg |   | 90   | 63 - 120 |      |  |
| 2-Chlorophenol               | 1670  | 1260   |           | ug/Kg |   | 76   | 61 - 120 |      |  |
| 2-Methylnaphthalene          | 1670  | 1380   |           | ug/Kg |   | 83   | 61 - 120 |      |  |
| 2-Methylphenol               | 1670  | 1230   |           | ug/Kg |   | 74   | 59 - 120 |      |  |
| 2-Nitroaniline               | 1670  | 1640   |           | ug/Kg |   | 99   | 67 - 120 |      |  |
| 2-Nitrophenol                | 1670  | 1440   |           | ug/Kg |   | 86   | 60 - 120 |      |  |
| 3,3'-Dichlorobenzidine       | 3330  | 1670   |           | ug/Kg |   | 50   | 23 - 120 |      |  |
| 3-Nitroaniline               | 1670  | 1180   |           | ug/Kg |   | 71   | 34 - 120 |      |  |
| 4,6-Dinitro-2-methylphenol   | 3330  | 3300   |           | ug/Kg |   | 99   | 55 - 131 |      |  |
| 4-Bromophenyl phenyl ether   | 1670  | 1810   |           | ug/Kg |   | 108  | 66 - 120 |      |  |
| 4-Chloro-3-methylphenol      | 1670  | 1520   |           | ug/Kg |   | 91   | 59 - 120 |      |  |
| 4-Chloroaniline              | 1670  | 895    |           | ug/Kg |   | 54   | 17 - 120 |      |  |
| 4-Chlorophenyl phenyl ether  | 1670  | 1630   |           | ug/Kg |   | 98   | 65 - 120 |      |  |
| 4-Methylphenol               | 1670  | 1270   |           | ug/Kg |   | 76   | 59 - 120 |      |  |
| 4-Nitroaniline               | 1670  | 1430   |           | ug/Kg |   | 86   | 60 - 120 |      |  |
| 4-Nitrophenol                | 3330  | 3140   |           | ug/Kg |   | 94   | 41 - 130 |      |  |
| Acenaphthene                 | 1670  | 1400   |           | ug/Kg |   | 84   | 65 - 120 |      |  |
| Acenaphthylene               | 1670  | 1520   |           | ug/Kg |   | 91   | 66 - 120 |      |  |
| Acetophenone                 | 1670  | 1210   |           | ug/Kg |   | 72   | 56 - 120 |      |  |
| Anthracene                   | 1670  | 1510   |           | ug/Kg |   | 91   | 69 - 120 |      |  |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-410100/2-A

Matrix: Solid

Analysis Batch: 410256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 410100

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Atrazine                    | 1670        | 1840       |               | ug/Kg |   | 110  | 59 - 140    |
| Benzaldehyde                | 1670        | 1180       |               | ug/Kg |   | 71   | 35 - 120    |
| Benzo[a]anthracene          | 1670        | 1580       |               | ug/Kg |   | 95   | 68 - 120    |
| Benzo[a]pyrene              | 1670        | 1640       |               | ug/Kg |   | 99   | 71 - 120    |
| Benzo[b]fluoranthene        | 1670        | 1500       |               | ug/Kg |   | 90   | 66 - 120    |
| Benzo[g,h,i]perylene        | 1670        | 1560       |               | ug/Kg |   | 94   | 69 - 120    |
| Benzo[k]fluoranthene        | 1670        | 1460       |               | ug/Kg |   | 88   | 68 - 120    |
| Butyl benzyl phthalate      | 1670        | 1600       |               | ug/Kg |   | 96   | 64 - 120    |
| Caprolactam                 | 1670        | 1590       |               | ug/Kg |   | 95   | 50 - 120    |
| Carbazole                   | 1670        | 1520       |               | ug/Kg |   | 91   | 69 - 120    |
| Chrysene                    | 1670        | 1690       |               | ug/Kg |   | 101  | 67 - 120    |
| Di-n-butyl phthalate        | 1670        | 1720       |               | ug/Kg |   | 103  | 67 - 128    |
| Di-n-octyl phthalate        | 1670        | 1710       |               | ug/Kg |   | 103  | 64 - 128    |
| Dibenz(a,h)anthracene       | 1670        | 1560       |               | ug/Kg |   | 93   | 70 - 123    |
| Dibenzofuran                | 1670        | 1450       |               | ug/Kg |   | 87   | 66 - 120    |
| Diethyl phthalate           | 1670        | 1460       |               | ug/Kg |   | 88   | 66 - 120    |
| Dimethyl phthalate          | 1670        | 1580       |               | ug/Kg |   | 95   | 65 - 120    |
| Fluoranthene                | 1670        | 1710       |               | ug/Kg |   | 102  | 67 - 120    |
| Fluorene                    | 1670        | 1440       |               | ug/Kg |   | 87   | 67 - 120    |
| Hexachlorobenzene           | 1670        | 1610       |               | ug/Kg |   | 97   | 64 - 120    |
| Hexachlorobutadiene         | 1670        | 1600       |               | ug/Kg |   | 96   | 52 - 120    |
| Hexachlorocyclopentadiene   | 1670        | 1680       |               | ug/Kg |   | 101  | 32 - 123    |
| Hexachloroethane            | 1670        | 1110       |               | ug/Kg |   | 67   | 54 - 120    |
| Indeno[1,2,3-cd]pyrene      | 1670        | 1650       |               | ug/Kg |   | 99   | 67 - 122    |
| Isophorone                  | 1670        | 1480       |               | ug/Kg |   | 89   | 58 - 120    |
| N-Nitrosodi-n-propylamine   | 1670        | 1320       |               | ug/Kg |   | 79   | 51 - 120    |
| Bis(2-chloroethoxy)methane  | 1670        | 1380       |               | ug/Kg |   | 83   | 53 - 120    |
| N-Nitrosodiphenylamine      | 1420        | 1300       |               | ug/Kg |   | 92   | 70 - 120    |
| Bis(2-chloroethyl)ether     | 1670        | 1240       |               | ug/Kg |   | 74   | 52 - 120    |
| Naphthalene                 | 1670        | 1300       |               | ug/Kg |   | 78   | 62 - 120    |
| Bis(2-ethylhexyl) phthalate | 1670        | 1650       |               | ug/Kg |   | 99   | 65 - 122    |
| Nitrobenzene                | 1670        | 1360       |               | ug/Kg |   | 82   | 50 - 120    |
| Pentachlorophenol           | 3330        | 3400       |               | ug/Kg |   | 102  | 41 - 124    |
| Phenanthrene                | 1670        | 1470       |               | ug/Kg |   | 88   | 69 - 120    |
| Phenol                      | 1670        | 1220       |               | ug/Kg |   | 73   | 54 - 120    |
| Pyrene                      | 1670        | 1470       |               | ug/Kg |   | 88   | 69 - 120    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2-Fluorobiphenyl (Surr)     | 77            |               | 37 - 120 |
| 2-Fluorophenol (Surr)       | 63            |               | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 75            |               | 26 - 120 |
| 2,4,6-Tribromophenol (Surr) | 91            |               | 10 - 138 |
| p-Terphenyl-d14 (Surr)      | 94            |               | 40 - 133 |
| Phenol-d5 (Surr)            | 64            |               | 27 - 120 |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-411241/1-A

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                      | MB<br>Result | MB<br>Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND           |                 | 43   | 20  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2,4,5-Trichlorophenol        | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2,4,6-Trichlorophenol        | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2,4-Dichlorophenol           | ND           |                 | 43   | 20  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2,4-Dimethylphenol           | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2,4-Dinitrophenol            | ND           |                 | 1000 | 170 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2,4-Dinitrotoluene           | ND           |                 | 170  | 33  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2,6-Dinitrotoluene           | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2-Chloronaphthalene          | ND           |                 | 33   | 13  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2-Chlorophenol               | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2-Methylnaphthalene          | ND           |                 | 17   | 5.0 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2-Methylphenol               | ND           |                 | 50   | 20  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2-Nitroaniline               | ND           |                 | 50   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2-Nitrophenol                | ND           |                 | 50   | 20  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 3,3'-Dichlorobenzidine       | ND           |                 | 170  | 33  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 3-Nitroaniline               | ND           |                 | 170  | 33  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND           |                 | 500  | 170 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 4-Bromophenyl phenyl ether   | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 4-Chloro-3-methylphenol      | ND           |                 | 50   | 20  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 4-Chloroaniline              | ND           |                 | 170  | 33  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 4-Chlorophenyl phenyl ether  | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 4-Methylphenol               | ND           |                 | 50   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 4-Nitroaniline               | ND           |                 | 170  | 33  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 4-Nitrophenol                | ND           |                 | 500  | 170 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Acenaphthene                 | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Acenaphthylene               | ND           |                 | 17   | 4.0 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Acetophenone                 | ND           |                 | 50   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Anthracene                   | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Atrazine                     | ND           |                 | 170  | 67  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Benzaldehyde                 | ND           |                 | 170  | 33  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Benzo[a]anthracene           | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Benzo[a]pyrene               | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Benzo[b]fluoranthene         | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Benzo[g,h,i]perylene         | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Benzo[k]fluoranthene         | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Butyl benzyl phthalate       | ND           |                 | 170  | 67  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Caprolactam                  | ND           |                 | 170  | 33  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Carbazole                    | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Chrysene                     | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Di-n-butyl phthalate         | ND           |                 | 170  | 67  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Di-n-octyl phthalate         | ND           |                 | 170  | 67  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Dibenz(a,h)anthracene        | ND           |                 | 17   | 6.7 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Dibenzofuran                 | ND           |                 | 37   | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Diethyl phthalate            | ND           |                 | 170  | 67  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Dimethyl phthalate           | ND           |                 | 170  | 67  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Fluoranthene                 | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Fluorene                     | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-411241/1-A

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                     | MB Result | MB Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-----|-----|-------|---|----------------|----------------|---------|
| Hexachlorobenzene           | ND        |              | 17  | 6.7 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Hexachlorobutadiene         | ND        |              | 50  | 20  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Hexachlorocyclopentadiene   | ND        |              | 500 | 170 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Hexachloroethane            | ND        |              | 170 | 33  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND        |              | 17  | 4.0 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Isophorone                  | ND        |              | 67  | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| N-Nitrosodi-n-propylamine   | ND        |              | 67  | 33  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Bis(2-chloroethoxy)methane  | ND        |              | 37  | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| N-Nitrosodiphenylamine      | ND        |              | 37  | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Bis(2-chloroethyl)ether     | ND        |              | 37  | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Naphthalene                 | ND        |              | 17  | 6.7 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Bis(2-ethylhexyl) phthalate | ND        |              | 170 | 67  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Nitrobenzene                | ND        |              | 37  | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Pentachlorophenol           | ND        |              | 170 | 67  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Phenanthrene                | ND        |              | 17  | 4.0 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Phenol                      | ND        |              | 37  | 17  | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Pyrene                      | ND        |              | 17  | 3.3 | ug/Kg |   | 08/22/23 16:49 | 08/23/23 11:56 | 1       |

| Tentatively Identified Compound | MB Est. Result | MB Qualifier | Unit  | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|----------------|--------------|-------|---|------|---------|----------------|----------------|---------|
| Unknown                         | 636            | T J          | ug/Kg |   | 2.80 | N/A     | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Unknown                         | 193            | T J          | ug/Kg |   | 3.32 | N/A     | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Unknown                         | 148            | T J          | ug/Kg |   | 3.54 | N/A     | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Unknown                         | 851            | T J          | ug/Kg |   | 3.70 | N/A     | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Unknown                         | 232            | T J          | ug/Kg |   | 3.82 | N/A     | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Unknown                         | 680            | T J          | ug/Kg |   | 4.01 | N/A     | 08/22/23 16:49 | 08/23/23 11:56 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr)     | 78           |              | 37 - 120 | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2-Fluorophenol (Surr)       | 71           |              | 22 - 120 | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Nitrobenzene-d5 (Surr)      | 82           |              | 26 - 120 | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| 2,4,6-Tribromophenol (Surr) | 93           |              | 10 - 138 | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| p-Terphenyl-d14 (Surr)      | 104          |              | 40 - 133 | 08/22/23 16:49 | 08/23/23 11:56 | 1       |
| Phenol-d5 (Surr)            | 72           |              | 27 - 120 | 08/22/23 16:49 | 08/23/23 11:56 | 1       |

Lab Sample ID: LCS 410-411241/2-A

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | Limits   |
|------------------------------|-------------|------------|---------------|-------|---|------|----------|
| 1,1'-Biphenyl                | 1670        | 1300       |               | ug/Kg |   | 78   | 63 - 120 |
| 2,2'-oxybis[1-chloropropane] | 1670        | 1360       |               | ug/Kg |   | 82   | 22 - 125 |
| 2,4,5-Trichlorophenol        | 1670        | 1550       |               | ug/Kg |   | 93   | 63 - 120 |
| 2,4,6-Trichlorophenol        | 1670        | 1570       |               | ug/Kg |   | 94   | 58 - 124 |
| 2,4-Dichlorophenol           | 1670        | 1360       |               | ug/Kg |   | 82   | 64 - 120 |
| 2,4-Dimethylphenol           | 1670        | 1320       |               | ug/Kg |   | 79   | 63 - 120 |
| 2,4-Dinitrophenol            | 3330        | 2610       |               | ug/Kg |   | 78   | 36 - 130 |
| 2,4-Dinitrotoluene           | 1670        | 1540       |               | ug/Kg |   | 92   | 65 - 120 |
| 2,6-Dinitrotoluene           | 1670        | 1540       |               | ug/Kg |   | 92   | 67 - 120 |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-411241/2-A

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 2-Chloronaphthalene         | 1670        | 1370       |               | ug/Kg |   | 82   | 63 - 120    |
| 2-Chlorophenol              | 1670        | 1220       |               | ug/Kg |   | 73   | 61 - 120    |
| 2-Methylnaphthalene         | 1670        | 1310       |               | ug/Kg |   | 79   | 61 - 120    |
| 2-Methylphenol              | 1670        | 1280       |               | ug/Kg |   | 77   | 59 - 120    |
| 2-Nitroaniline              | 1670        | 1530       |               | ug/Kg |   | 92   | 67 - 120    |
| 2-Nitrophenol               | 1670        | 1390       |               | ug/Kg |   | 84   | 60 - 120    |
| 3,3'-Dichlorobenzidine      | 3330        | 2080       |               | ug/Kg |   | 62   | 23 - 120    |
| 3-Nitroaniline              | 1670        | 1020       |               | ug/Kg |   | 61   | 34 - 120    |
| 4,6-Dinitro-2-methylphenol  | 3330        | 3090       |               | ug/Kg |   | 93   | 55 - 131    |
| 4-Bromophenyl phenyl ether  | 1670        | 1530       |               | ug/Kg |   | 92   | 66 - 120    |
| 4-Chloro-3-methylphenol     | 1670        | 1450       |               | ug/Kg |   | 87   | 59 - 120    |
| 4-Chloroaniline             | 1670        | 975        |               | ug/Kg |   | 58   | 17 - 120    |
| 4-Chlorophenyl phenyl ether | 1670        | 1500       |               | ug/Kg |   | 90   | 65 - 120    |
| 4-Methylphenol              | 1670        | 1260       |               | ug/Kg |   | 75   | 59 - 120    |
| 4-Nitroaniline              | 1670        | 1190       |               | ug/Kg |   | 71   | 60 - 120    |
| 4-Nitrophenol               | 3330        | 2660       |               | ug/Kg |   | 80   | 41 - 130    |
| Acenaphthene                | 1670        | 1340       |               | ug/Kg |   | 80   | 65 - 120    |
| Acenaphthylene              | 1670        | 1310       |               | ug/Kg |   | 79   | 66 - 120    |
| Acetophenone                | 1670        | 1250       |               | ug/Kg |   | 75   | 56 - 120    |
| Anthracene                  | 1670        | 1420       |               | ug/Kg |   | 85   | 69 - 120    |
| Atrazine                    | 1670        | 1660       |               | ug/Kg |   | 99   | 59 - 140    |
| Benzaldehyde                | 1670        | 1300       |               | ug/Kg |   | 78   | 35 - 120    |
| Benzo[a]anthracene          | 1670        | 1430       |               | ug/Kg |   | 86   | 68 - 120    |
| Benzo[a]pyrene              | 1670        | 1520       |               | ug/Kg |   | 91   | 71 - 120    |
| Benzo[b]fluoranthene        | 1670        | 1330       |               | ug/Kg |   | 80   | 66 - 120    |
| Benzo[g,h,i]perylene        | 1670        | 1400       |               | ug/Kg |   | 84   | 69 - 120    |
| Benzo[k]fluoranthene        | 1670        | 1420       |               | ug/Kg |   | 85   | 68 - 120    |
| Butyl benzyl phthalate      | 1670        | 1440       |               | ug/Kg |   | 86   | 64 - 120    |
| Caprolactam                 | 1670        | 1490       |               | ug/Kg |   | 89   | 50 - 120    |
| Carbazole                   | 1670        | 1370       |               | ug/Kg |   | 82   | 69 - 120    |
| Chrysene                    | 1670        | 1530       |               | ug/Kg |   | 92   | 67 - 120    |
| Di-n-butyl phthalate        | 1670        | 1480       |               | ug/Kg |   | 89   | 67 - 128    |
| Di-n-octyl phthalate        | 1670        | 1520       |               | ug/Kg |   | 91   | 64 - 128    |
| Dibenz(a,h)anthracene       | 1670        | 1400       |               | ug/Kg |   | 84   | 70 - 123    |
| Dibenzofuran                | 1670        | 1380       |               | ug/Kg |   | 83   | 66 - 120    |
| Diethyl phthalate           | 1670        | 1340       |               | ug/Kg |   | 81   | 66 - 120    |
| Dimethyl phthalate          | 1670        | 1370       |               | ug/Kg |   | 82   | 65 - 120    |
| Fluoranthene                | 1670        | 1460       |               | ug/Kg |   | 87   | 67 - 120    |
| Fluorene                    | 1670        | 1380       |               | ug/Kg |   | 83   | 67 - 120    |
| Hexachlorobenzene           | 1670        | 1430       |               | ug/Kg |   | 86   | 64 - 120    |
| Hexachlorobutadiene         | 1670        | 1550       |               | ug/Kg |   | 93   | 52 - 120    |
| Hexachlorocyclopentadiene   | 1670        | 1520       |               | ug/Kg |   | 91   | 32 - 123    |
| Hexachloroethane            | 1670        | 1240       |               | ug/Kg |   | 75   | 54 - 120    |
| Indeno[1,2,3-cd]pyrene      | 1670        | 1480       |               | ug/Kg |   | 89   | 67 - 122    |
| Isophorone                  | 1670        | 1470       |               | ug/Kg |   | 88   | 58 - 120    |
| N-Nitrosodi-n-propylamine   | 1670        | 1390       |               | ug/Kg |   | 83   | 51 - 120    |
| Bis(2-chloroethoxy)methane  | 1670        | 1390       |               | ug/Kg |   | 83   | 53 - 120    |
| N-Nitrosodiphenylamine      | 1420        | 1240       |               | ug/Kg |   | 87   | 70 - 120    |
| Bis(2-chloroethyl)ether     | 1670        | 1310       |               | ug/Kg |   | 79   | 52 - 120    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-411241/2-A

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Naphthalene                 | 1670        | 1250       |               | ug/Kg |   | 75   | 62 - 120    |
| Bis(2-ethylhexyl) phthalate | 1670        | 1450       |               | ug/Kg |   | 87   | 65 - 122    |
| Nitrobenzene                | 1670        | 1410       |               | ug/Kg |   | 85   | 50 - 120    |
| Pentachlorophenol           | 3330        | 2610       |               | ug/Kg |   | 78   | 41 - 124    |
| Phenanthrene                | 1670        | 1380       |               | ug/Kg |   | 83   | 69 - 120    |
| Phenol                      | 1670        | 1320       |               | ug/Kg |   | 79   | 54 - 120    |
| Pyrene                      | 1670        | 1400       |               | ug/Kg |   | 84   | 69 - 120    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2-Fluorobiphenyl (Surr)     | 71            |               | 37 - 120 |
| 2-Fluorophenol (Surr)       | 67            |               | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 77            |               | 26 - 120 |
| 2,4,6-Tribromophenol (Surr) | 85            |               | 10 - 138 |
| p-Terphenyl-d14 (Surr)      | 90            |               | 40 - 133 |
| Phenol-d5 (Surr)            | 67            |               | 27 - 120 |

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 1,1'-Biphenyl                | ND            |                  | 2610        | 1850      |              | ug/Kg | ✱ | 71   | 63 - 120    |
| 2,2'-oxybis[1-chloropropane] | ND            |                  | 2610        | 1790      |              | ug/Kg | ✱ | 69   | 22 - 125    |
| 2,4,5-Trichlorophenol        | ND            |                  | 2610        | 2050      |              | ug/Kg | ✱ | 78   | 63 - 120    |
| 2,4,6-Trichlorophenol        | ND            |                  | 2610        | 2000      |              | ug/Kg | ✱ | 76   | 58 - 124    |
| 2,4-Dichlorophenol           | ND            |                  | 2610        | 1860      |              | ug/Kg | ✱ | 71   | 64 - 120    |
| 2,4-Dimethylphenol           | ND            |                  | 2610        | 1700      |              | ug/Kg | ✱ | 65   | 63 - 120    |
| 2,4-Dinitrophenol            | ND            | F1               | 5230        | ND        | F1           | ug/Kg | ✱ | 0    | 36 - 130    |
| 2,4-Dinitrotoluene           | ND            | F1               | 2610        | 1440      | F1           | ug/Kg | ✱ | 55   | 65 - 120    |
| 2,6-Dinitrotoluene           | ND            | F1               | 2610        | 1640      | F1           | ug/Kg | ✱ | 63   | 67 - 120    |
| 2-Chloronaphthalene          | ND            |                  | 2610        | 1860      |              | ug/Kg | ✱ | 71   | 63 - 120    |
| 2-Chlorophenol               | ND            |                  | 2610        | 1600      |              | ug/Kg | ✱ | 61   | 61 - 120    |
| 2-Methylnaphthalene          | ND            |                  | 2610        | 1710      |              | ug/Kg | ✱ | 65   | 61 - 120    |
| 2-Methylphenol               | ND            |                  | 2610        | 1670      |              | ug/Kg | ✱ | 64   | 59 - 120    |
| 2-Nitroaniline               | ND            |                  | 2610        | 1830      |              | ug/Kg | ✱ | 70   | 67 - 120    |
| 2-Nitrophenol                | ND            | F1 F2            | 2610        | 923       | F1           | ug/Kg | ✱ | 35   | 60 - 120    |
| 3,3'-Dichlorobenzidine       | ND            | F1 F2            | 5230        | 108       | J F1         | ug/Kg | ✱ | 2    | 23 - 120    |
| 3-Nitroaniline               | ND            | F1 F2            | 2610        | 166       | J F1         | ug/Kg | ✱ | 6    | 34 - 120    |
| 4,6-Dinitro-2-methylphenol   | ND            | F1 F2            | 5230        | 404       | J F1         | ug/Kg | ✱ | 8    | 55 - 131    |
| 4-Bromophenyl phenyl ether   | ND            |                  | 2610        | 2270      |              | ug/Kg | ✱ | 87   | 66 - 120    |
| 4-Chloro-3-methylphenol      | ND            |                  | 2610        | 1970      |              | ug/Kg | ✱ | 76   | 59 - 120    |
| 4-Chloroaniline              | ND            | F1               | 2610        | ND        | F1           | ug/Kg | ✱ | 0    | 17 - 120    |
| 4-Chlorophenyl phenyl ether  | ND            |                  | 2610        | 2000      |              | ug/Kg | ✱ | 77   | 65 - 120    |
| 4-Methylphenol               | 43            | J                | 2610        | 1740      |              | ug/Kg | ✱ | 65   | 59 - 120    |
| 4-Nitroaniline               | ND            | F1 F2            | 2610        | 174       | J F1         | ug/Kg | ✱ | 7    | 60 - 120    |
| 4-Nitrophenol                | ND            |                  | 5230        | 3780      |              | ug/Kg | ✱ | 72   | 41 - 130    |
| Acenaphthene                 | ND            |                  | 2610        | 1860      |              | ug/Kg | ✱ | 71   | 65 - 120    |
| Acenaphthylene               | ND            |                  | 2610        | 1780      |              | ug/Kg | ✱ | 68   | 66 - 120    |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Acetophenone                | ND            |                  | 2610        | 1740      |              | ug/Kg | ✱ | 67   | 56 - 120    |
| Anthracene                  | ND            |                  | 2610        | 2000      |              | ug/Kg | ✱ | 76   | 69 - 120    |
| Atrazine                    | ND            | F2               | 2610        | 1690      |              | ug/Kg | ✱ | 65   | 59 - 140    |
| Benzaldehyde                | 200           | J                | 2610        | 2100      |              | ug/Kg | ✱ | 73   | 35 - 120    |
| Benzo[a]anthracene          | 15            | J                | 2610        | 2250      |              | ug/Kg | ✱ | 85   | 68 - 120    |
| Benzo[a]pyrene              | ND            |                  | 2610        | 2040      |              | ug/Kg | ✱ | 78   | 71 - 120    |
| Benzo[b]fluoranthene        | 37            |                  | 2610        | 1910      |              | ug/Kg | ✱ | 72   | 66 - 120    |
| Benzo[g,h,i]perylene        | 57            |                  | 2610        | 1880      |              | ug/Kg | ✱ | 70   | 69 - 120    |
| Benzo[k]fluoranthene        | 17            | J                | 2610        | 1780      |              | ug/Kg | ✱ | 68   | 68 - 120    |
| Butyl benzyl phthalate      | ND            |                  | 2610        | 2240      |              | ug/Kg | ✱ | 86   | 64 - 120    |
| Caprolactam                 | ND            |                  | 2610        | 2170      |              | ug/Kg | ✱ | 83   | 50 - 120    |
| Carbazole                   | ND            |                  | 2610        | 1800      |              | ug/Kg | ✱ | 69   | 69 - 120    |
| Chrysene                    | 26            |                  | 2610        | 2340      |              | ug/Kg | ✱ | 89   | 67 - 120    |
| Di-n-butyl phthalate        | ND            |                  | 2610        | 2190      |              | ug/Kg | ✱ | 84   | 67 - 128    |
| Di-n-octyl phthalate        | ND            |                  | 2610        | 2010      |              | ug/Kg | ✱ | 77   | 64 - 128    |
| Dibenz(a,h)anthracene       | 27            |                  | 2610        | 1900      |              | ug/Kg | ✱ | 72   | 70 - 123    |
| Dibenzofuran                | ND            |                  | 2610        | 1910      |              | ug/Kg | ✱ | 73   | 66 - 120    |
| Diethyl phthalate           | ND            |                  | 2610        | 1820      |              | ug/Kg | ✱ | 70   | 66 - 120    |
| Dimethyl phthalate          | ND            |                  | 2610        | 1910      |              | ug/Kg | ✱ | 73   | 65 - 120    |
| Fluoranthene                | 25            | J                | 2610        | 2150      |              | ug/Kg | ✱ | 81   | 67 - 120    |
| Fluorene                    | ND            |                  | 2610        | 1880      |              | ug/Kg | ✱ | 72   | 67 - 120    |
| Hexachlorobenzene           | ND            |                  | 2610        | 2040      |              | ug/Kg | ✱ | 78   | 64 - 120    |
| Hexachlorobutadiene         | ND            |                  | 2610        | 2090      |              | ug/Kg | ✱ | 80   | 52 - 120    |
| Hexachlorocyclopentadiene   | ND            | F1 cn            | 2610        | ND        | F1           | ug/Kg | ✱ | 0    | 32 - 123    |
| Hexachloroethane            | ND            | F1 F2            | 2610        | 106       | J F1         | ug/Kg | ✱ | 4    | 54 - 120    |
| Indeno[1,2,3-cd]pyrene      | 40            |                  | 2610        | 2010      |              | ug/Kg | ✱ | 76   | 67 - 122    |
| Isophorone                  | ND            |                  | 2610        | 2010      |              | ug/Kg | ✱ | 77   | 58 - 120    |
| N-Nitrosodi-n-propylamine   | ND            |                  | 2610        | 1870      |              | ug/Kg | ✱ | 72   | 51 - 120    |
| N-Nitrosodiphenylamine      | ND            | F1               | 2220        | 1370      | F1           | ug/Kg | ✱ | 62   | 70 - 120    |
| Naphthalene                 | ND            |                  | 2610        | 1670      |              | ug/Kg | ✱ | 64   | 62 - 120    |
| Nitrobenzene                | ND            |                  | 2610        | 1920      |              | ug/Kg | ✱ | 73   | 50 - 120    |
| Pentachlorophenol           | ND            |                  | 5230        | 2490      |              | ug/Kg | ✱ | 48   | 41 - 124    |
| Phenanthrene                | 14            | J                | 2610        | 1930      |              | ug/Kg | ✱ | 73   | 69 - 120    |
| Phenol                      | ND            |                  | 2610        | 1900      |              | ug/Kg | ✱ | 73   | 54 - 120    |
| Pyrene                      | 19            | J                | 2610        | 1950      |              | ug/Kg | ✱ | 74   | 69 - 120    |
| Bis(2-chloroethoxy)methane  | ND            |                  | 2610        | 1850      |              | ug/Kg | ✱ | 71   | 53 - 120    |
| Bis(2-chloroethyl)ether     | ND            |                  | 2610        | 1760      |              | ug/Kg | ✱ | 67   | 52 - 120    |
| Bis(2-ethylhexyl) phthalate | ND            |                  | 2610        | 2250      |              | ug/Kg | ✱ | 86   | 65 - 122    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) | 61           |              | 10 - 138 |
| 2-Fluorobiphenyl (Surr)     | 63           |              | 37 - 120 |
| 2-Fluorophenol (Surr)       | 55           |              | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 66           |              | 26 - 120 |
| p-Terphenyl-d14 (Surr)      | 79           |              | 40 - 133 |
| Phenol-d5 (Surr)            | 56           |              | 27 - 120 |



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                      | Sample |           | Spike | MSD    |           | Unit  | D | %Rec | %Rec     |     | RPD | Limit |
|------------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-----|-------|
|                              | Result | Qualifier |       | Result | Qualifier |       |   |      | Limits   | RPD |     |       |
| 1,1'-Biphenyl                | ND     |           | 2600  | 1860   |           | ug/Kg | ✱ | 72   | 63 - 120 | 0   | 30  |       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 2600  | 1790   |           | ug/Kg | ✱ | 69   | 22 - 125 | 0   | 30  |       |
| 2,4,5-Trichlorophenol        | ND     |           | 2600  | 2140   |           | ug/Kg | ✱ | 82   | 63 - 120 | 5   | 30  |       |
| 2,4,6-Trichlorophenol        | ND     |           | 2600  | 2100   |           | ug/Kg | ✱ | 81   | 58 - 124 | 5   | 30  |       |
| 2,4-Dichlorophenol           | ND     |           | 2600  | 2010   |           | ug/Kg | ✱ | 78   | 64 - 120 | 8   | 30  |       |
| 2,4-Dimethylphenol           | ND     |           | 2600  | 1830   |           | ug/Kg | ✱ | 70   | 63 - 120 | 7   | 30  |       |
| 2,4-Dinitrophenol            | ND     | F1        | 5190  | 518    | J F1      | ug/Kg | ✱ | 10   | 36 - 130 | NC  | 30  |       |
| 2,4-Dinitrotoluene           | ND     | F1        | 2600  | 1940   |           | ug/Kg | ✱ | 75   | 65 - 120 | 30  | 30  |       |
| 2,6-Dinitrotoluene           | ND     | F1        | 2600  | 2090   |           | ug/Kg | ✱ | 80   | 67 - 120 | 24  | 30  |       |
| 2-Chloronaphthalene          | ND     |           | 2600  | 1910   |           | ug/Kg | ✱ | 74   | 63 - 120 | 3   | 30  |       |
| 2-Chlorophenol               | ND     |           | 2600  | 1650   |           | ug/Kg | ✱ | 64   | 61 - 120 | 3   | 30  |       |
| 2-Methylnaphthalene          | ND     |           | 2600  | 1850   |           | ug/Kg | ✱ | 71   | 61 - 120 | 8   | 30  |       |
| 2-Methylphenol               | ND     |           | 2600  | 1690   |           | ug/Kg | ✱ | 65   | 59 - 120 | 1   | 30  |       |
| 2-Nitroaniline               | ND     |           | 2600  | 2070   |           | ug/Kg | ✱ | 80   | 67 - 120 | 13  | 30  |       |
| 2-Nitrophenol                | ND     | F1 F2     | 2600  | 1570   | F2        | ug/Kg | ✱ | 61   | 60 - 120 | 52  | 30  |       |
| 3,3'-Dichlorobenzidine       | ND     | F1 F2     | 5190  | 405    | F1 F2     | ug/Kg | ✱ | 8    | 23 - 120 | 116 | 30  |       |
| 3-Nitroaniline               | ND     | F1 F2     | 2600  | 294    | F1 F2     | ug/Kg | ✱ | 11   | 34 - 120 | 56  | 30  |       |
| 4,6-Dinitro-2-methylphenol   | ND     | F1 F2     | 5190  | 1470   | F1 F2     | ug/Kg | ✱ | 28   | 55 - 131 | 114 | 30  |       |
| 4-Bromophenyl phenyl ether   | ND     |           | 2600  | 2320   |           | ug/Kg | ✱ | 89   | 66 - 120 | 2   | 30  |       |
| 4-Chloro-3-methylphenol      | ND     |           | 2600  | 2070   |           | ug/Kg | ✱ | 80   | 59 - 120 | 5   | 30  |       |
| 4-Chloroaniline              | ND     | F1        | 2600  | ND     | F1        | ug/Kg | ✱ | 0    | 17 - 120 | NC  | 30  |       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 2600  | 2050   |           | ug/Kg | ✱ | 79   | 65 - 120 | 2   | 30  |       |
| 4-Methylphenol               | 43     | J         | 2600  | 1750   |           | ug/Kg | ✱ | 66   | 59 - 120 | 0   | 30  |       |
| 4-Nitroaniline               | ND     | F1 F2     | 2600  | 535    | F1 F2     | ug/Kg | ✱ | 21   | 60 - 120 | 102 | 30  |       |
| 4-Nitrophenol                | ND     |           | 5190  | 4110   |           | ug/Kg | ✱ | 79   | 41 - 130 | 8   | 30  |       |
| Acenaphthene                 | ND     |           | 2600  | 1860   |           | ug/Kg | ✱ | 72   | 65 - 120 | 0   | 30  |       |
| Acenaphthylene               | ND     |           | 2600  | 1870   |           | ug/Kg | ✱ | 72   | 66 - 120 | 5   | 30  |       |
| Acetophenone                 | ND     |           | 2600  | 1720   |           | ug/Kg | ✱ | 66   | 56 - 120 | 1   | 30  |       |
| Anthracene                   | ND     |           | 2600  | 2060   |           | ug/Kg | ✱ | 79   | 69 - 120 | 3   | 30  |       |
| Atrazine                     | ND     | F2        | 2600  | 2380   | F2        | ug/Kg | ✱ | 91   | 59 - 140 | 34  | 30  |       |
| Benzaldehyde                 | 200    | J         | 2600  | 1890   |           | ug/Kg | ✱ | 65   | 35 - 120 | 11  | 30  |       |
| Benzo[a]anthracene           | 15     | J         | 2600  | 2260   |           | ug/Kg | ✱ | 86   | 68 - 120 | 1   | 30  |       |
| Benzo[a]pyrene               | ND     |           | 2600  | 2100   |           | ug/Kg | ✱ | 81   | 71 - 120 | 3   | 30  |       |
| Benzo[b]fluoranthene         | 37     |           | 2600  | 1810   |           | ug/Kg | ✱ | 68   | 66 - 120 | 5   | 30  |       |
| Benzo[g,h,i]perylene         | 57     |           | 2600  | 1900   |           | ug/Kg | ✱ | 71   | 69 - 120 | 1   | 30  |       |
| Benzo[k]fluoranthene         | 17     | J         | 2600  | 1870   |           | ug/Kg | ✱ | 71   | 68 - 120 | 5   | 30  |       |
| Butyl benzyl phthalate       | ND     |           | 2600  | 2210   |           | ug/Kg | ✱ | 85   | 64 - 120 | 1   | 30  |       |
| Caprolactam                  | ND     |           | 2600  | 2170   |           | ug/Kg | ✱ | 84   | 50 - 120 | 0   | 30  |       |
| Carbazole                    | ND     |           | 2600  | 1940   |           | ug/Kg | ✱ | 75   | 69 - 120 | 8   | 30  |       |
| Chrysene                     | 26     |           | 2600  | 2390   |           | ug/Kg | ✱ | 91   | 67 - 120 | 2   | 30  |       |
| Di-n-butyl phthalate         | ND     |           | 2600  | 2260   |           | ug/Kg | ✱ | 87   | 67 - 128 | 3   | 30  |       |
| Di-n-octyl phthalate         | ND     |           | 2600  | 2050   |           | ug/Kg | ✱ | 79   | 64 - 128 | 2   | 30  |       |
| Dibenz(a,h)anthracene        | 27     |           | 2600  | 1930   |           | ug/Kg | ✱ | 73   | 70 - 123 | 2   | 30  |       |
| Dibenzofuran                 | ND     |           | 2600  | 1950   |           | ug/Kg | ✱ | 75   | 66 - 120 | 2   | 30  |       |
| Diethyl phthalate            | ND     |           | 2600  | 1900   |           | ug/Kg | ✱ | 73   | 66 - 120 | 4   | 30  |       |
| Dimethyl phthalate           | ND     |           | 2600  | 1930   |           | ug/Kg | ✱ | 74   | 65 - 120 | 1   | 30  |       |
| Fluoranthene                 | 25     | J         | 2600  | 2290   |           | ug/Kg | ✱ | 87   | 67 - 120 | 7   | 30  |       |
| Fluorene                     | ND     |           | 2600  | 1920   |           | ug/Kg | ✱ | 74   | 67 - 120 | 2   | 30  |       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Hexachlorobenzene           | ND            |                  | 2600        | 2040       |               | ug/Kg | ☼ | 79   | 64 - 120    | 0   | 30        |
| Hexachlorobutadiene         | ND            |                  | 2600        | 2100       |               | ug/Kg | ☼ | 81   | 52 - 120    | 1   | 30        |
| Hexachlorocyclopentadiene   | ND            | F1 cn            | 2600        | ND         | F1            | ug/Kg | ☼ | 0    | 32 - 123    | NC  | 30        |
| Hexachloroethane            | ND            | F1 F2            | 2600        | 302        | F1 F2         | ug/Kg | ☼ | 12   | 54 - 120    | 96  | 30        |
| Indeno[1,2,3-cd]pyrene      | 40            |                  | 2600        | 2070       |               | ug/Kg | ☼ | 78   | 67 - 122    | 3   | 30        |
| Isophorone                  | ND            |                  | 2600        | 2090       |               | ug/Kg | ☼ | 81   | 58 - 120    | 4   | 30        |
| N-Nitrosodi-n-propylamine   | ND            |                  | 2600        | 1850       |               | ug/Kg | ☼ | 71   | 51 - 120    | 1   | 30        |
| N-Nitrosodiphenylamine      | ND            | F1               | 2210        | 1670       |               | ug/Kg | ☼ | 76   | 70 - 120    | 19  | 30        |
| Naphthalene                 | ND            |                  | 2600        | 1730       |               | ug/Kg | ☼ | 67   | 62 - 120    | 4   | 30        |
| Nitrobenzene                | ND            |                  | 2600        | 2000       |               | ug/Kg | ☼ | 77   | 50 - 120    | 4   | 30        |
| Pentachlorophenol           | ND            |                  | 5190        | 2620       |               | ug/Kg | ☼ | 50   | 41 - 124    | 5   | 30        |
| Phenanthrene                | 14            | J                | 2600        | 2000       |               | ug/Kg | ☼ | 77   | 69 - 120    | 4   | 30        |
| Phenol                      | ND            |                  | 2600        | 1860       |               | ug/Kg | ☼ | 72   | 54 - 120    | 2   | 30        |
| Pyrene                      | 19            | J                | 2600        | 1950       |               | ug/Kg | ☼ | 75   | 69 - 120    | 0   | 30        |
| Bis(2-chloroethoxy)methane  | ND            |                  | 2600        | 1960       |               | ug/Kg | ☼ | 75   | 53 - 120    | 6   | 30        |
| Bis(2-chloroethyl)ether     | ND            |                  | 2600        | 1770       |               | ug/Kg | ☼ | 68   | 52 - 120    | 1   | 30        |
| Bis(2-ethylhexyl) phthalate | ND            |                  | 2600        | 2220       |               | ug/Kg | ☼ | 86   | 65 - 122    | 1   | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 65            |               | 10 - 138 |
| 2-Fluorobiphenyl (Surr)     | 63            |               | 37 - 120 |
| 2-Fluorophenol (Surr)       | 56            |               | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 72            |               | 26 - 120 |
| p-Terphenyl-d14 (Surr)      | 79            |               | 40 - 133 |
| Phenol-d5 (Surr)            | 58            |               | 27 - 120 |

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 1,1'-Biphenyl                | ND            |                  | 2190        | 1610      |              | ug/Kg | ☼ | 73   | 63 - 120    |
| 2,2'-oxybis[1-chloropropane] | ND            |                  | 2190        | 1640      |              | ug/Kg | ☼ | 75   | 22 - 125    |
| 2,4,5-Trichlorophenol        | ND            |                  | 2190        | 1880      |              | ug/Kg | ☼ | 86   | 63 - 120    |
| 2,4,6-Trichlorophenol        | ND            |                  | 2190        | 1910      |              | ug/Kg | ☼ | 87   | 58 - 124    |
| 2,4-Dichlorophenol           | ND            |                  | 2190        | 1750      |              | ug/Kg | ☼ | 80   | 64 - 120    |
| 2,4-Dimethylphenol           | ND            |                  | 2190        | 1610      |              | ug/Kg | ☼ | 73   | 63 - 120    |
| 2,4-Dinitrophenol            | ND            |                  | 4380        | 2680      |              | ug/Kg | ☼ | 61   | 36 - 130    |
| 2,4-Dinitrotoluene           | ND            |                  | 2190        | 1840      |              | ug/Kg | ☼ | 84   | 65 - 120    |
| 2,6-Dinitrotoluene           | ND            |                  | 2190        | 1870      |              | ug/Kg | ☼ | 86   | 67 - 120    |
| 2-Chloronaphthalene          | ND            |                  | 2190        | 1620      |              | ug/Kg | ☼ | 74   | 63 - 120    |
| 2-Chlorophenol               | ND            |                  | 2190        | 1500      |              | ug/Kg | ☼ | 69   | 61 - 120    |
| 2-Methylnaphthalene          | ND            |                  | 2190        | 1650      |              | ug/Kg | ☼ | 75   | 61 - 120    |
| 2-Methylphenol               | ND            |                  | 2190        | 1550      |              | ug/Kg | ☼ | 71   | 59 - 120    |
| 2-Nitroaniline               | ND            |                  | 2190        | 1850      |              | ug/Kg | ☼ | 84   | 67 - 120    |
| 2-Nitrophenol                | ND            |                  | 2190        | 1720      |              | ug/Kg | ☼ | 79   | 60 - 120    |
| 3,3'-Dichlorobenzidine       | ND            | F2 F1            | 4380        | 1690      |              | ug/Kg | ☼ | 39   | 23 - 120    |
| 3-Nitroaniline               | ND            | F2 F1            | 2190        | 1020      |              | ug/Kg | ☼ | 47   | 34 - 120    |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 4,6-Dinitro-2-methylphenol  | ND            |                  | 4380        | 3310      |              | ug/Kg | ✱ | 75   | 55 - 131    |
| 4-Bromophenyl phenyl ether  | ND            |                  | 2190        | 1930      |              | ug/Kg | ✱ | 88   | 66 - 120    |
| 4-Chloro-3-methylphenol     | ND            |                  | 2190        | 1850      |              | ug/Kg | ✱ | 85   | 59 - 120    |
| 4-Chloroaniline             | ND            | F2 F1            | 2190        | 897       |              | ug/Kg | ✱ | 41   | 17 - 120    |
| 4-Chlorophenyl phenyl ether | ND            |                  | 2190        | 1800      |              | ug/Kg | ✱ | 82   | 65 - 120    |
| 4-Methylphenol              | ND            |                  | 2190        | 1540      |              | ug/Kg | ✱ | 70   | 59 - 120    |
| 4-Nitroaniline              | ND            | F2 F1            | 2190        | 1070      | F1           | ug/Kg | ✱ | 49   | 60 - 120    |
| 4-Nitrophenol               | ND            |                  | 4380        | 3430      |              | ug/Kg | ✱ | 78   | 41 - 130    |
| Acenaphthene                | ND            |                  | 2190        | 1590      |              | ug/Kg | ✱ | 73   | 65 - 120    |
| Acenaphthylene              | ND            |                  | 2190        | 1610      |              | ug/Kg | ✱ | 73   | 66 - 120    |
| Acetophenone                | ND            |                  | 2190        | 1560      |              | ug/Kg | ✱ | 71   | 56 - 120    |
| Anthracene                  | ND            |                  | 2190        | 1730      |              | ug/Kg | ✱ | 79   | 69 - 120    |
| Atrazine                    | ND            |                  | 2190        | 1960      |              | ug/Kg | ✱ | 89   | 59 - 140    |
| Benzaldehyde                | ND            |                  | 2190        | 1540      |              | ug/Kg | ✱ | 70   | 35 - 120    |
| Benzo[a]anthracene          | 13 J          |                  | 2190        | 1970      |              | ug/Kg | ✱ | 89   | 68 - 120    |
| Benzo[a]pyrene              | ND            |                  | 2190        | 1810      |              | ug/Kg | ✱ | 82   | 71 - 120    |
| Benzo[b]fluoranthene        | 34            |                  | 2190        | 1720      |              | ug/Kg | ✱ | 77   | 66 - 120    |
| Benzo[g,h,i]perylene        | 66            |                  | 2190        | 1680      |              | ug/Kg | ✱ | 74   | 69 - 120    |
| Benzo[k]fluoranthene        | 24            |                  | 2190        | 1510      |              | ug/Kg | ✱ | 68   | 68 - 120    |
| Butyl benzyl phthalate      | ND            |                  | 2190        | 1920      |              | ug/Kg | ✱ | 88   | 64 - 120    |
| Caprolactam                 | ND            |                  | 2190        | 1830      |              | ug/Kg | ✱ | 83   | 50 - 120    |
| Carbazole                   | ND            |                  | 2190        | 1690      |              | ug/Kg | ✱ | 77   | 69 - 120    |
| Chrysene                    | 18 J          |                  | 2190        | 2050      |              | ug/Kg | ✱ | 93   | 67 - 120    |
| Di-n-butyl phthalate        | ND            |                  | 2190        | 1870      |              | ug/Kg | ✱ | 85   | 67 - 128    |
| Di-n-octyl phthalate        | ND            |                  | 2190        | 1750      |              | ug/Kg | ✱ | 80   | 64 - 128    |
| Dibenz(a,h)anthracene       | 51            |                  | 2190        | 1710      |              | ug/Kg | ✱ | 76   | 70 - 123    |
| Dibenzofuran                | ND            |                  | 2190        | 1680      |              | ug/Kg | ✱ | 77   | 66 - 120    |
| Diethyl phthalate           | ND            |                  | 2190        | 1650      |              | ug/Kg | ✱ | 75   | 66 - 120    |
| Dimethyl phthalate          | ND            |                  | 2190        | 1670      |              | ug/Kg | ✱ | 76   | 65 - 120    |
| Fluoranthene                | 18 J          |                  | 2190        | 1860      |              | ug/Kg | ✱ | 84   | 67 - 120    |
| Fluorene                    | ND            |                  | 2190        | 1690      |              | ug/Kg | ✱ | 77   | 67 - 120    |
| Hexachlorobenzene           | ND            |                  | 2190        | 1770      |              | ug/Kg | ✱ | 81   | 64 - 120    |
| Hexachlorobutadiene         | ND            |                  | 2190        | 1900      |              | ug/Kg | ✱ | 87   | 52 - 120    |
| Hexachlorocyclopentadiene   | ND            | F1 cn            | 2190        | ND        | F1           | ug/Kg | ✱ | 0    | 32 - 123    |
| Hexachloroethane            | ND            | F2 F1            | 2190        | 1080      | F1           | ug/Kg | ✱ | 49   | 54 - 120    |
| Indeno[1,2,3-cd]pyrene      | 70            |                  | 2190        | 1840      |              | ug/Kg | ✱ | 81   | 67 - 122    |
| Isophorone                  | ND            |                  | 2190        | 1830      |              | ug/Kg | ✱ | 84   | 58 - 120    |
| N-Nitrosodi-n-propylamine   | ND            |                  | 2190        | 1700      |              | ug/Kg | ✱ | 78   | 51 - 120    |
| N-Nitrosodiphenylamine      | ND            |                  | 1860        | 1460      |              | ug/Kg | ✱ | 79   | 70 - 120    |
| Naphthalene                 | ND            |                  | 2190        | 1550      |              | ug/Kg | ✱ | 71   | 62 - 120    |
| Nitrobenzene                | ND            |                  | 2190        | 1800      |              | ug/Kg | ✱ | 82   | 50 - 120    |
| Pentachlorophenol           | ND            |                  | 4380        | 2950      |              | ug/Kg | ✱ | 67   | 41 - 124    |
| Phenanthrene                | 10 J          |                  | 2190        | 1690      |              | ug/Kg | ✱ | 77   | 69 - 120    |
| Phenol                      | ND            |                  | 2190        | 1610      |              | ug/Kg | ✱ | 73   | 54 - 120    |
| Pyrene                      | 14 J          |                  | 2190        | 1700      |              | ug/Kg | ✱ | 77   | 69 - 120    |
| Bis(2-chloroethoxy)methane  | ND            |                  | 2190        | 1730      |              | ug/Kg | ✱ | 79   | 53 - 120    |
| Bis(2-chloroethyl)ether     | ND            |                  | 2190        | 1670      |              | ug/Kg | ✱ | 76   | 52 - 120    |
| Bis(2-ethylhexyl) phthalate | ND            |                  | 2190        | 1950      |              | ug/Kg | ✱ | 89   | 65 - 122    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 411241

| Surrogate                   | MS<br>%Recovery | MS<br>Qualifier | Limits   |
|-----------------------------|-----------------|-----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 78              |                 | 10 - 138 |
| 2-Fluorobiphenyl (Surr)     | 66              |                 | 37 - 120 |
| 2-Fluorophenol (Surr)       | 61              |                 | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 74              |                 | 26 - 120 |
| p-Terphenyl-d14 (Surr)      | 84              |                 | 40 - 133 |
| Phenol-d5 (Surr)            | 62              |                 | 27 - 120 |

Lab Sample ID: 410-139126-3 MSD

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: SS-11 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                      | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|------------------------------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| 1,1'-Biphenyl                | ND               |                     | 2220           | 1610          |                  | ug/Kg | ✱ | 72   | 63 - 120       | 0   | 30           |
| 2,2'-oxybis[1-chloropropane] | ND               |                     | 2220           | 1570          |                  | ug/Kg | ✱ | 71   | 22 - 125       | 4   | 30           |
| 2,4,5-Trichlorophenol        | ND               |                     | 2220           | 1880          |                  | ug/Kg | ✱ | 85   | 63 - 120       | 0   | 30           |
| 2,4,6-Trichlorophenol        | ND               |                     | 2220           | 1940          |                  | ug/Kg | ✱ | 87   | 58 - 124       | 1   | 30           |
| 2,4-Dichlorophenol           | ND               |                     | 2220           | 1670          |                  | ug/Kg | ✱ | 76   | 64 - 120       | 4   | 30           |
| 2,4-Dimethylphenol           | ND               |                     | 2220           | 1540          |                  | ug/Kg | ✱ | 69   | 63 - 120       | 4   | 30           |
| 2,4-Dinitrophenol            | ND               |                     | 4430           | 2320          |                  | ug/Kg | ✱ | 52   | 36 - 130       | 14  | 30           |
| 2,4-Dinitrotoluene           | ND               |                     | 2220           | 1790          |                  | ug/Kg | ✱ | 81   | 65 - 120       | 3   | 30           |
| 2,6-Dinitrotoluene           | ND               |                     | 2220           | 1850          |                  | ug/Kg | ✱ | 83   | 67 - 120       | 1   | 30           |
| 2-Chloronaphthalene          | ND               |                     | 2220           | 1630          |                  | ug/Kg | ✱ | 74   | 63 - 120       | 1   | 30           |
| 2-Chlorophenol               | ND               |                     | 2220           | 1450          |                  | ug/Kg | ✱ | 65   | 61 - 120       | 4   | 30           |
| 2-Methylnaphthalene          | ND               |                     | 2220           | 1580          |                  | ug/Kg | ✱ | 71   | 61 - 120       | 4   | 30           |
| 2-Methylphenol               | ND               |                     | 2220           | 1490          |                  | ug/Kg | ✱ | 67   | 59 - 120       | 4   | 30           |
| 2-Nitroaniline               | ND               |                     | 2220           | 1860          |                  | ug/Kg | ✱ | 84   | 67 - 120       | 0   | 30           |
| 2-Nitrophenol                | ND               |                     | 2220           | 1620          |                  | ug/Kg | ✱ | 73   | 60 - 120       | 6   | 30           |
| 3,3'-Dichlorobenzidine       | ND               | F2 F1               | 4430           | 316           | F2 F1            | ug/Kg | ✱ | 7    | 23 - 120       | 137 | 30           |
| 3-Nitroaniline               | ND               | F2 F1               | 2220           | 272           | F2 F1            | ug/Kg | ✱ | 12   | 34 - 120       | 116 | 30           |
| 4,6-Dinitro-2-methylphenol   | ND               |                     | 4430           | 2920          |                  | ug/Kg | ✱ | 66   | 55 - 131       | 12  | 30           |
| 4-Bromophenyl phenyl ether   | ND               |                     | 2220           | 1870          |                  | ug/Kg | ✱ | 84   | 66 - 120       | 3   | 30           |
| 4-Chloro-3-methylphenol      | ND               |                     | 2220           | 1770          |                  | ug/Kg | ✱ | 80   | 59 - 120       | 5   | 30           |
| 4-Chloroaniline              | ND               | F2 F1               | 2220           | 238           | F2 F1            | ug/Kg | ✱ | 11   | 17 - 120       | 116 | 30           |
| 4-Chlorophenyl phenyl ether  | ND               |                     | 2220           | 1800          |                  | ug/Kg | ✱ | 81   | 65 - 120       | 0   | 30           |
| 4-Methylphenol               | ND               |                     | 2220           | 1440          |                  | ug/Kg | ✱ | 65   | 59 - 120       | 6   | 30           |
| 4-Nitroaniline               | ND               | F2 F1               | 2220           | 447           | F2 F1            | ug/Kg | ✱ | 20   | 60 - 120       | 82  | 30           |
| 4-Nitrophenol                | ND               |                     | 4430           | 3530          |                  | ug/Kg | ✱ | 80   | 41 - 130       | 3   | 30           |
| Acenaphthene                 | ND               |                     | 2220           | 1670          |                  | ug/Kg | ✱ | 75   | 65 - 120       | 5   | 30           |
| Acenaphthylene               | ND               |                     | 2220           | 1620          |                  | ug/Kg | ✱ | 73   | 66 - 120       | 1   | 30           |
| Acetophenone                 | ND               |                     | 2220           | 1470          |                  | ug/Kg | ✱ | 66   | 56 - 120       | 6   | 30           |
| Anthracene                   | ND               |                     | 2220           | 1670          |                  | ug/Kg | ✱ | 75   | 69 - 120       | 4   | 30           |
| Atrazine                     | ND               |                     | 2220           | 2120          |                  | ug/Kg | ✱ | 96   | 59 - 140       | 8   | 30           |
| Benzaldehyde                 | ND               |                     | 2220           | 1480          |                  | ug/Kg | ✱ | 67   | 35 - 120       | 4   | 30           |
| Benzo[a]anthracene           | 13               | J                   | 2220           | 1830          |                  | ug/Kg | ✱ | 82   | 68 - 120       | 7   | 30           |
| Benzo[a]pyrene               | ND               |                     | 2220           | 1730          |                  | ug/Kg | ✱ | 78   | 71 - 120       | 4   | 30           |
| Benzo[b]fluoranthene         | 34               |                     | 2220           | 1630          |                  | ug/Kg | ✱ | 72   | 66 - 120       | 5   | 30           |
| Benzo[g,h,i]perylene         | 66               |                     | 2220           | 1630          |                  | ug/Kg | ✱ | 71   | 69 - 120       | 3   | 30           |
| Benzo[k]fluoranthene         | 24               |                     | 2220           | 1530          |                  | ug/Kg | ✱ | 68   | 68 - 120       | 1   | 30           |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-139126-3 MSD

Matrix: Solid

Analysis Batch: 411483

Client Sample ID: SS-11 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 411241

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Butyl benzyl phthalate      | ND            |                  | 2220        | 1820       |               | ug/Kg | ✱ | 82   | 64 - 120    | 6   | 30        |
| Caprolactam                 | ND            |                  | 2220        | 1730       |               | ug/Kg | ✱ | 78   | 50 - 120    | 5   | 30        |
| Carbazole                   | ND            |                  | 2220        | 1640       |               | ug/Kg | ✱ | 74   | 69 - 120    | 3   | 30        |
| Chrysene                    | 18            | J                | 2220        | 1890       |               | ug/Kg | ✱ | 85   | 67 - 120    | 8   | 30        |
| Di-n-butyl phthalate        | ND            |                  | 2220        | 1840       |               | ug/Kg | ✱ | 83   | 67 - 128    | 1   | 30        |
| Di-n-octyl phthalate        | ND            |                  | 2220        | 1730       |               | ug/Kg | ✱ | 78   | 64 - 128    | 1   | 30        |
| Dibenz(a,h)anthracene       | 51            |                  | 2220        | 1630       |               | ug/Kg | ✱ | 71   | 70 - 123    | 5   | 30        |
| Dibenzofuran                | ND            |                  | 2220        | 1680       |               | ug/Kg | ✱ | 76   | 66 - 120    | 0   | 30        |
| Diethyl phthalate           | ND            |                  | 2220        | 1630       |               | ug/Kg | ✱ | 73   | 66 - 120    | 1   | 30        |
| Dimethyl phthalate          | ND            |                  | 2220        | 1690       |               | ug/Kg | ✱ | 76   | 65 - 120    | 1   | 30        |
| Fluoranthene                | 18            | J                | 2220        | 1810       |               | ug/Kg | ✱ | 81   | 67 - 120    | 2   | 30        |
| Fluorene                    | ND            |                  | 2220        | 1700       |               | ug/Kg | ✱ | 76   | 67 - 120    | 1   | 30        |
| Hexachlorobenzene           | ND            |                  | 2220        | 1690       |               | ug/Kg | ✱ | 76   | 64 - 120    | 5   | 30        |
| Hexachlorobutadiene         | ND            |                  | 2220        | 1850       |               | ug/Kg | ✱ | 84   | 52 - 120    | 3   | 30        |
| Hexachlorocyclopentadiene   | ND            | F1 cn            | 2220        | ND         | F1            | ug/Kg | ✱ | 0    | 32 - 123    | NC  | 30        |
| Hexachloroethane            | ND            | F2 F1            | 2220        | 789        | F2 F1         | ug/Kg | ✱ | 36   | 54 - 120    | 31  | 30        |
| Indeno[1,2,3-cd]pyrene      | 70            |                  | 2220        | 1810       |               | ug/Kg | ✱ | 78   | 67 - 122    | 2   | 30        |
| Isophorone                  | ND            |                  | 2220        | 1760       |               | ug/Kg | ✱ | 80   | 58 - 120    | 4   | 30        |
| N-Nitrosodi-n-propylamine   | ND            |                  | 2220        | 1660       |               | ug/Kg | ✱ | 75   | 51 - 120    | 3   | 30        |
| N-Nitrosodiphenylamine      | ND            |                  | 1880        | 1420       |               | ug/Kg | ✱ | 76   | 70 - 120    | 3   | 30        |
| Naphthalene                 | ND            |                  | 2220        | 1500       |               | ug/Kg | ✱ | 68   | 62 - 120    | 4   | 30        |
| Nitrobenzene                | ND            |                  | 2220        | 1720       |               | ug/Kg | ✱ | 78   | 50 - 120    | 4   | 30        |
| Pentachlorophenol           | ND            |                  | 4430        | 2540       |               | ug/Kg | ✱ | 57   | 41 - 124    | 15  | 30        |
| Phenanthrene                | 10            | J                | 2220        | 1630       |               | ug/Kg | ✱ | 73   | 69 - 120    | 4   | 30        |
| Phenol                      | ND            |                  | 2220        | 1550       |               | ug/Kg | ✱ | 70   | 54 - 120    | 3   | 30        |
| Pyrene                      | 14            | J                | 2220        | 1590       |               | ug/Kg | ✱ | 71   | 69 - 120    | 7   | 30        |
| Bis(2-chloroethoxy)methane  | ND            |                  | 2220        | 1670       |               | ug/Kg | ✱ | 75   | 53 - 120    | 4   | 30        |
| Bis(2-chloroethyl)ether     | ND            |                  | 2220        | 1510       |               | ug/Kg | ✱ | 68   | 52 - 120    | 10  | 30        |
| Bis(2-ethylhexyl) phthalate | ND            |                  | 2220        | 1820       |               | ug/Kg | ✱ | 82   | 65 - 122    | 7   | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 76            |               | 10 - 138 |
| 2-Fluorobiphenyl (Surr)     | 65            |               | 37 - 120 |
| 2-Fluorophenol (Surr)       | 56            |               | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 71            |               | 26 - 120 |
| p-Terphenyl-d14 (Surr)      | 77            |               | 40 - 133 |
| Phenol-d5 (Surr)            | 58            |               | 27 - 120 |

## Method: 6010D - Metals (ICP)

Lab Sample ID: MB 410-409122/1-A

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | MB Result | MB Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | ND        |              | 5.0 | 2.0 | mg/Kg |   | 08/16/23 19:28 | 08/17/23 09:03 | 1       |



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-409122/2-A

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|-------|---|------|-------------|
| Lithium | 50.0        | 50.7       |               | mg/Kg |   | 101  | 80 - 120    |

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Lithium | 26            |                  | 74.7        | 91.0      |              | mg/Kg | ✱ | 86   | 75 - 125    |

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Lithium | 26            |                  | 67.1        | 86.6       |               | mg/Kg | ✱ | 90   | 75 - 125    | 5   | 20        |

Lab Sample ID: 410-139126-1 DU

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: SS-4 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Sample Result | Sample Qualifier | Spike Added | DU Result | DU Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|-----|-----------|
| Lithium | 26            |                  |             | 26.5      |              | mg/Kg | ✱ |      |             | 0.2 | 20        |

Lab Sample ID: MB 410-409132/1-A

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409132

| Analyte | MB Result | MB Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | ND        |              | 5.0 | 2.0 | mg/Kg |   | 08/16/23 19:52 | 08/17/23 10:00 | 1       |

Lab Sample ID: LCS 410-409132/2-A

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409132

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|-------|---|------|-------------|
| Lithium | 50.0        | 49.5       |               | mg/Kg |   | 99   | 80 - 120    |

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409132

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Lithium | 30            | F2               | 45.7        | 74.0      |              | mg/Kg | ✱ | 96   | 75 - 125    |

Lab Sample ID: 410-139126-3 MSD

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: SS-11 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409132

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Lithium | 30            | F2               | 64.1        | 91.7       | F2            | mg/Kg | ✱ | 96   | 75 - 125    | 21  | 20        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6010D - Metals (ICP)

Lab Sample ID: 410-139126-3 DU

Matrix: Solid

Analysis Batch: 409478

Client Sample ID: SS-11 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409132

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-------|
| Lithium | 30            | F2               | 31.0      |              | mg/Kg | ☆ | 3   | 20    |

Lab Sample ID: MB 410-408858/1-A

Matrix: Water

Analysis Batch: 409710

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 408858

| Analyte | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| Lithium | ND        |              | 0.050 | 0.011 | mg/L |   | 08/16/23 09:39 | 08/17/23 20:50 | 1       |

Lab Sample ID: LCS 410-408858/2-A

Matrix: Water

Analysis Batch: 409710

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 408858

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Lithium | 0.500       | 0.475      |               | mg/L |   | 95   | 80 - 120    |

Lab Sample ID: LCSD 410-408858/3-A

Matrix: Water

Analysis Batch: 409710

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 408858

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|---------|-------------|-------------|----------------|------|---|------|-------------|-----|-------|
| Lithium | 0.500       | 0.473       |                | mg/L |   | 95   | 80 - 120    | 1   | 20    |

## Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-409122/1-A ^2

Matrix: Solid

Analysis Batch: 410365

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409122

| Analyte   | MB Result | MB Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | ND        |              | 20   | 9.9   | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Antimony  | ND        |              | 0.20 | 0.080 | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Arsenic   | ND        |              | 0.40 | 0.13  | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Barium    | ND        |              | 0.40 | 0.18  | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Beryllium | ND        |              | 0.10 | 0.024 | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Cadmium   | ND        |              | 0.10 | 0.040 | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Chromium  | ND        |              | 0.40 | 0.19  | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Cobalt    | ND        |              | 0.20 | 0.080 | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Copper    | ND        |              | 0.40 | 0.18  | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Iron      | ND        |              | 20   | 9.2   | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Lead      | ND        |              | 0.20 | 0.076 | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Magnesium | ND        |              | 10   | 4.9   | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Manganese | ND        |              | 0.40 | 0.20  | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Nickel    | ND        |              | 0.40 | 0.19  | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Potassium | ND        |              | 40   | 16    | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Selenium  | ND        |              | 0.40 | 0.10  | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Silver    | ND        |              | 0.10 | 0.041 | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Sodium    | ND        |              | 50   | 24    | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Thallium  | ND        |              | 0.10 | 0.039 | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |
| Zinc      | ND        |              | 30   | 4.0   | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-409122/1-A ^2

Matrix: Solid

Analysis Batch: 410365

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409122

| Analyte  | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------------|-----------------|------|------|-------|---|----------------|----------------|---------|
| Vanadium | ND           |                 | 0.80 | 0.20 | mg/Kg |   | 08/16/23 19:28 | 08/20/23 16:05 | 2       |

Lab Sample ID: MB 410-409122/1-A ^2

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | MB<br>Result | MB<br>Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------------|-----------------|----|-----|-------|---|----------------|----------------|---------|
| Calcium | ND           |                 | 40 | 20  | mg/Kg |   | 08/16/23 19:28 | 08/21/23 00:33 | 2       |

Lab Sample ID: LCS 410-409122/2-A ^2

Matrix: Solid

Analysis Batch: 410365

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409122

| Analyte   | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|-----------|----------------|---------------|------------------|-------|---|------|----------------|
| Aluminum  | 500            | 515           |                  | mg/Kg |   | 103  | 80 - 120       |
| Antimony  | 10.0           | 9.95          |                  | mg/Kg |   | 99   | 80 - 120       |
| Arsenic   | 50.0           | 51.0          |                  | mg/Kg |   | 102  | 80 - 120       |
| Barium    | 50.0           | 50.3          |                  | mg/Kg |   | 101  | 80 - 120       |
| Beryllium | 5.00           | 5.06          |                  | mg/Kg |   | 101  | 80 - 120       |
| Cadmium   | 5.00           | 5.08          |                  | mg/Kg |   | 102  | 80 - 120       |
| Chromium  | 50.0           | 50.9          |                  | mg/Kg |   | 102  | 80 - 120       |
| Cobalt    | 50.0           | 51.0          |                  | mg/Kg |   | 102  | 80 - 120       |
| Copper    | 50.0           | 51.4          |                  | mg/Kg |   | 103  | 80 - 120       |
| Iron      | 500            | 509           |                  | mg/Kg |   | 102  | 80 - 120       |
| Lead      | 5.00           | 5.00          |                  | mg/Kg |   | 100  | 80 - 120       |
| Magnesium | 500            | 521           |                  | mg/Kg |   | 104  | 80 - 120       |
| Manganese | 50.0           | 50.7          |                  | mg/Kg |   | 101  | 80 - 120       |
| Nickel    | 50.0           | 51.0          |                  | mg/Kg |   | 102  | 80 - 120       |
| Potassium | 500            | 507           |                  | mg/Kg |   | 101  | 80 - 120       |
| Selenium  | 10.0           | 9.98          |                  | mg/Kg |   | 100  | 80 - 120       |
| Silver    | 5.00           | 5.21          |                  | mg/Kg |   | 104  | 80 - 120       |
| Sodium    | 500            | 520           |                  | mg/Kg |   | 104  | 80 - 120       |
| Thallium  | 10.0           | 9.90          |                  | mg/Kg |   | 99   | 80 - 120       |
| Zinc      | 50.0           | 51.1          |                  | mg/Kg |   | 102  | 80 - 120       |
| Vanadium  | 50.0           | 50.9          |                  | mg/Kg |   | 102  | 80 - 120       |

Lab Sample ID: LCS 410-409122/2-A ^2

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|---------|----------------|---------------|------------------|-------|---|------|----------------|
| Calcium | 500            | 478           |                  | mg/Kg |   | 96   | 80 - 120       |

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409122

| Analyte  | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Antimony | 0.14             | J F1                | 14.9           | 8.04         | F1              | mg/Kg | ⚠ | 53   | 75 - 125       |
| Arsenic  | 4.6              |                     | 74.7           | 74.4         |                 | mg/Kg | ⚠ | 93   | 75 - 125       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409122

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Beryllium | 1.9           |                  | 7.47        | 8.81      |              | mg/Kg | ✱ | 93   | 75 - 125    |
| Cadmium   | 0.63          | ^5-              | 7.47        | 8.07      | ^5-          | mg/Kg | ✱ | 99   | 75 - 125    |
| Calcium   | 10000         |                  | 747         | 12900     | 4            | mg/Kg | ✱ | 320  | 75 - 125    |
| Chromium  | 54            | F1               | 74.7        | 135       |              | mg/Kg | ✱ | 109  | 75 - 125    |
| Cobalt    | 11            |                  | 74.7        | 79.4      |              | mg/Kg | ✱ | 91   | 75 - 125    |
| Copper    | 35            | F1               | 74.7        | 109       |              | mg/Kg | ✱ | 99   | 75 - 125    |
| Lead      | 15            | F1               | 7.47        | 22.3      |              | mg/Kg | ✱ | 102  | 75 - 125    |
| Magnesium | 8300          |                  | 747         | 10800     | 4            | mg/Kg | ✱ | 337  | 75 - 125    |
| Manganese | 850           |                  | 74.7        | 992       | 4            | mg/Kg | ✱ | 195  | 75 - 125    |
| Nickel    | 38            | F1               | 74.7        | 113       |              | mg/Kg | ✱ | 100  | 75 - 125    |
| Potassium | 6400          | F2               | 747         | 10300     | 4            | mg/Kg | ✱ | 521  | 75 - 125    |
| Selenium  | 0.69          |                  | 14.9        | 15.1      |              | mg/Kg | ✱ | 96   | 75 - 125    |
| Silver    | 0.20          |                  | 7.47        | 7.55      |              | mg/Kg | ✱ | 98   | 75 - 125    |
| Thallium  | 0.35          |                  | 14.9        | 12.8      |              | mg/Kg | ✱ | 83   | 75 - 125    |
| Zinc      | 120           | F1               | 74.7        | 209       |              | mg/Kg | ✱ | 124  | 75 - 125    |
| Vanadium  | 66            | F1               | 74.7        | 152       |              | mg/Kg | ✱ | 116  | 75 - 125    |

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Barium  | 420           | F2               | 74.7        | 536       | 4            | mg/Kg | ✱ | 151  | 75 - 125    |
| Iron    | 41000         | F2               | 747         | 45400     | 4            | mg/Kg | ✱ | 626  | 75 - 125    |

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 410628

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Sodium  | 130           |                  | 747         | 913       |              | mg/Kg | ✱ | 104  | 75 - 125    |

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 410628

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409122

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Aluminum | 46000         | ^2               | 747         | 59200     | 4            | mg/Kg | ✱ | 1717 | 75 - 125    |

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409122

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Antimony  | 0.14          | J F1             | 13.4        | 7.92       | F1            | mg/Kg | ✱ | 58   | 75 - 125    | 2   | 20        |
| Arsenic   | 4.6           |                  | 67.1        | 80.1       |               | mg/Kg | ✱ | 113  | 75 - 125    | 7   | 20        |
| Beryllium | 1.9           |                  | 6.71        | 9.95       |               | mg/Kg | ✱ | 121  | 75 - 125    | 12  | 20        |
| Cadmium   | 0.63          | ^5-              | 6.71        | 8.91       | ^5-           | mg/Kg | ✱ | 123  | 75 - 125    | 10  | 20        |
| Calcium   | 10000         |                  | 671         | 15400      | 4             | mg/Kg | ✱ | 741  | 75 - 125    | 18  | 20        |
| Chromium  | 54            | F1               | 67.1        | 157        | F1            | mg/Kg | ✱ | 153  | 75 - 125    | 15  | 20        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409122

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Cobalt    | 11            |                  | 67.1        | 86.3       |               | mg/Kg | ✱ | 112  | 75 - 125    | 8   | 20        |
| Copper    | 35            | F1               | 67.1        | 121        | F1            | mg/Kg | ✱ | 128  | 75 - 125    | 10  | 20        |
| Lead      | 15            | F1               | 67.1        | 25.0       | F1            | mg/Kg | ✱ | 154  | 75 - 125    | 11  | 20        |
| Magnesium | 8300          |                  | 671         | 13000      | 4             | mg/Kg | ✱ | 708  | 75 - 125    | 19  | 20        |
| Manganese | 850           |                  | 67.1        | 1180       | 4             | mg/Kg | ✱ | 504  | 75 - 125    | 18  | 20        |
| Nickel    | 38            | F1               | 67.1        | 126        | F1            | mg/Kg | ✱ | 131  | 75 - 125    | 11  | 20        |
| Potassium | 6400          | F2               | 671         | 13300      | 4 F2          | mg/Kg | ✱ | 1036 | 75 - 125    | 26  | 20        |
| Selenium  | 0.69          |                  | 13.4        | 16.4       |               | mg/Kg | ✱ | 117  | 75 - 125    | 8   | 20        |
| Silver    | 0.20          |                  | 67.1        | 8.09       |               | mg/Kg | ✱ | 118  | 75 - 125    | 7   | 20        |
| Thallium  | 0.35          |                  | 13.4        | 13.0       |               | mg/Kg | ✱ | 94   | 75 - 125    | 2   | 20        |
| Zinc      | 120           | F1               | 67.1        | 240        | F1            | mg/Kg | ✱ | 185  | 75 - 125    | 14  | 20        |
| Vanadium  | 66            | F1               | 67.1        | 177        | F1            | mg/Kg | ✱ | 167  | 75 - 125    | 15  | 20        |

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Barium  | 420           | F2               | 67.1        | 671        | 4 F2          | mg/Kg | ✱ | 370  | 75 - 125    | 22  | 20        |
| Iron    | 41000         | F2               | 671         | 56700      | 4 F2          | mg/Kg | ✱ | 2390 | 75 - 125    | 22  | 20        |

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 410628

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Sodium  | 130           |                  | 671         | 844        |               | mg/Kg | ✱ | 106  | 75 - 125    | 8   | 20        |

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 410628

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409122

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Aluminum | 46000         | ^2               | 671         | 55700      | 4             | mg/Kg | ✱ | 1387 | 75 - 125    | 6   | 20        |

Lab Sample ID: 410-139126-1 DU

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: SS-4 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409122

| Analyte   | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|-----------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Antimony  | 0.14          | J F1             | 0.132     | J            | mg/Kg | ✱ | 4   | 20        |
| Arsenic   | 4.6           |                  | 4.86      |              | mg/Kg | ✱ | 6   | 20        |
| Beryllium | 1.9           |                  | 1.94      |              | mg/Kg | ✱ | 4   | 20        |
| Cadmium   | 0.63          | ^5-              | 0.687     |              | mg/Kg | ✱ | 8   | 20        |
| Calcium   | 10000         |                  | 11900     |              | mg/Kg | ✱ | 13  | 20        |
| Chromium  | 54            | F1               | 56.9      |              | mg/Kg | ✱ | 5   | 20        |
| Cobalt    | 11            |                  | 12.0      |              | mg/Kg | ✱ | 5   | 20        |
| Copper    | 35            | F1               | 37.0      |              | mg/Kg | ✱ | 6   | 20        |
| Lead      | 15            | F1               | 15.2      |              | mg/Kg | ✱ | 3   | 20        |
| Magnesium | 8300          |                  | 8980      |              | mg/Kg | ✱ | 8   | 20        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-139126-1 DU

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: SS-4 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409122

| Analyte   | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | Limit |
|-----------|---------------|------------------|-----------|--------------|-------|---|-----|-------|
| Manganese | 850           |                  | 900       |              | mg/Kg | ✱ | 6   | 20    |
| Nickel    | 38            | F1               | 40.8      |              | mg/Kg | ✱ | 7   | 20    |
| Potassium | 6400          | F2               | 6760      |              | mg/Kg | ✱ | 6   | 20    |
| Selenium  | 0.69          |                  | 0.656     |              | mg/Kg | ✱ | 6   | 20    |
| Silver    | 0.20          |                  | 0.192     |              | mg/Kg | ✱ | 5   | 20    |
| Thallium  | 0.35          |                  | 0.366     |              | mg/Kg | ✱ | 5   | 20    |
| Zinc      | 120           | F1               | 125       |              | mg/Kg | ✱ | 8   | 20    |
| Vanadium  | 66            | F1               | 69.4      |              | mg/Kg | ✱ | 6   | 20    |

Lab Sample ID: 410-139126-1 DU

Matrix: Solid

Analysis Batch: 410430

Client Sample ID: SS-4 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-------|
| Barium  | 420           | F2               | 467       |              | mg/Kg | ✱ | 10  | 20    |
| Iron    | 41000         | F2               | 44700     |              | mg/Kg | ✱ | 9   | 20    |

Lab Sample ID: 410-139126-1 DU

Matrix: Solid

Analysis Batch: 410628

Client Sample ID: SS-4 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409122

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-------|
| Sodium  | 130           |                  | 137       |              | mg/Kg | ✱ | 2   | 20    |

Lab Sample ID: 410-139126-1 DU

Matrix: Solid

Analysis Batch: 410628

Client Sample ID: SS-4 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409122

| Analyte  | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | Limit |
|----------|---------------|------------------|-----------|--------------|-------|---|-----|-------|
| Aluminum | 46000         | ^2               | 49000     |              | mg/Kg | ✱ | 6   | 20    |

Lab Sample ID: MB 410-409132/1-A ^2

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409132

| Analyte   | MB Result | MB Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | ND        |              | 20   | 9.9   | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Antimony  | ND        |              | 0.20 | 0.080 | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Arsenic   | ND        |              | 0.40 | 0.13  | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Barium    | ND        |              | 0.40 | 0.18  | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Beryllium | ND        |              | 0.10 | 0.024 | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Cadmium   | ND        |              | 0.10 | 0.040 | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Calcium   | ND        |              | 40   | 20    | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Chromium  | ND        |              | 0.40 | 0.19  | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Cobalt    | ND        |              | 0.20 | 0.080 | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Copper    | ND        |              | 0.40 | 0.18  | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Iron      | ND        |              | 20   | 9.2   | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Lead      | ND        |              | 0.20 | 0.076 | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Magnesium | ND        |              | 10   | 4.9   | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Manganese | ND        |              | 0.40 | 0.20  | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-409132/1-A ^2

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409132

| Analyte   | MB Result | MB Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|------|-------|-------|---|----------------|----------------|---------|
| Nickel    | ND        |              | 0.40 | 0.19  | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Potassium | ND        |              | 40   | 16    | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Selenium  | ND        |              | 0.40 | 0.10  | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Silver    | ND        |              | 0.10 | 0.041 | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Sodium    | ND        |              | 50   | 24    | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Thallium  | ND        |              | 0.10 | 0.039 | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Zinc      | ND        |              | 30   | 4.0   | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |
| Vanadium  | ND        |              | 0.80 | 0.20  | mg/Kg |   | 08/16/23 19:52 | 08/22/23 13:24 | 2       |

Lab Sample ID: LCS 410-409132/2-A ^2

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409132

| Analyte   | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|-------|---|------|-------------|
| Aluminum  | 500         | 499        |               | mg/Kg |   | 100  | 80 - 120    |
| Antimony  | 10.0        | 10.1       |               | mg/Kg |   | 101  | 80 - 120    |
| Arsenic   | 50.0        | 50.4       |               | mg/Kg |   | 101  | 80 - 120    |
| Barium    | 50.0        | 51.4       |               | mg/Kg |   | 103  | 80 - 120    |
| Beryllium | 5.00        | 4.91       |               | mg/Kg |   | 98   | 80 - 120    |
| Cadmium   | 5.00        | 5.10       |               | mg/Kg |   | 102  | 80 - 120    |
| Calcium   | 500         | 507        |               | mg/Kg |   | 101  | 80 - 120    |
| Chromium  | 50.0        | 50.3       |               | mg/Kg |   | 101  | 80 - 120    |
| Cobalt    | 50.0        | 51.6       |               | mg/Kg |   | 103  | 80 - 120    |
| Copper    | 50.0        | 51.7       |               | mg/Kg |   | 103  | 80 - 120    |
| Iron      | 500         | 518        |               | mg/Kg |   | 104  | 80 - 120    |
| Lead      | 5.00        | 5.06       |               | mg/Kg |   | 101  | 80 - 120    |
| Magnesium | 500         | 508        |               | mg/Kg |   | 102  | 80 - 120    |
| Manganese | 50.0        | 50.6       |               | mg/Kg |   | 101  | 80 - 120    |
| Nickel    | 50.0        | 51.7       |               | mg/Kg |   | 103  | 80 - 120    |
| Potassium | 500         | 507        |               | mg/Kg |   | 101  | 80 - 120    |
| Selenium  | 10.0        | 10.0       |               | mg/Kg |   | 100  | 80 - 120    |
| Silver    | 5.00        | 5.30       |               | mg/Kg |   | 106  | 80 - 120    |
| Sodium    | 500         | 509        |               | mg/Kg |   | 102  | 80 - 120    |
| Thallium  | 10.0        | 10.1       |               | mg/Kg |   | 101  | 80 - 120    |
| Zinc      | 50.0        | 50.5       |               | mg/Kg |   | 101  | 80 - 120    |
| Vanadium  | 50.0        | 50.7       |               | mg/Kg |   | 101  | 80 - 120    |

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409132

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Antimony  | ND            | F1 F2            | 9.13        | 4.49      | F1           | mg/Kg | ⊛ | 49   | 75 - 125    |
| Arsenic   | 4.5           | F2               | 45.7        | 46.9      |              | mg/Kg | ⊛ | 93   | 75 - 125    |
| Beryllium | 1.4           | F2               | 4.57        | 5.99      |              | mg/Kg | ⊛ | 100  | 75 - 125    |
| Cadmium   | 0.19          | F2               | 4.57        | 4.60      |              | mg/Kg | ⊛ | 97   | 75 - 125    |
| Calcium   | 8900          | F2               | 457         | 6830      | 4            | mg/Kg | ⊛ | -458 | 75 - 125    |
| Chromium  | 51            |                  | 45.7        | 97.9      |              | mg/Kg | ⊛ | 102  | 75 - 125    |
| Cobalt    | 18            |                  | 45.7        | 63.3      |              | mg/Kg | ⊛ | 99   | 75 - 125    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409132

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Copper    | 27            |                  | 45.7        | 68.0      |              | mg/Kg | ✱ | 90   | 75 - 125    |
| Lead      | 18            | F1               | 4.57        | 21.8      |              | mg/Kg | ✱ | 85   | 75 - 125    |
| Magnesium | 11000         |                  | 457         | 11300     | 4            | mg/Kg | ✱ | -20  | 75 - 125    |
| Manganese | 950           |                  | 45.7        | 908       | E 4          | mg/Kg | ✱ | -96  | 75 - 125    |
| Nickel    | 34            |                  | 45.7        | 73.9      |              | mg/Kg | ✱ | 88   | 75 - 125    |
| Potassium | 7100          |                  | 457         | 9020      | 4            | mg/Kg | ✱ | 412  | 75 - 125    |
| Selenium  | 0.27          | J F2             | 9.13        | 8.75      |              | mg/Kg | ✱ | 93   | 75 - 125    |
| Silver    | 0.059         | J F2             | 4.57        | 4.47      |              | mg/Kg | ✱ | 97   | 75 - 125    |
| Sodium    | 430           | F1 F2            | 457         | 711       | F1           | mg/Kg | ✱ | 63   | 75 - 125    |
| Thallium  | 0.38          | F2               | 9.13        | 8.31      |              | mg/Kg | ✱ | 87   | 75 - 125    |
| Zinc      | 100           |                  | 45.7        | 147       |              | mg/Kg | ✱ | 98   | 75 - 125    |
| Vanadium  | 81            |                  | 45.7        | 131       |              | mg/Kg | ✱ | 110  | 75 - 125    |

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409132

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Aluminum | 33000         | ^2               | 457         | 42100     | 4            | mg/Kg | ✱ | 1972 | 75 - 125    |
| Barium   | 250           |                  | 45.7        | 289       | 4            | mg/Kg | ✱ | 81   | 75 - 125    |
| Iron     | 38000         | ^2               | 457         | 40800     | 4            | mg/Kg | ✱ | 679  | 75 - 125    |

Lab Sample ID: 410-139126-3 MSD

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: SS-11 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409132

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Antimony  | ND            | F1 F2            | 12.8        | 7.23       | F1 F2         | mg/Kg | ✱ | 56   | 75 - 125    | 47  | 20        |
| Arsenic   | 4.5           | F2               | 64.1        | 61.5       | F2            | mg/Kg | ✱ | 89   | 75 - 125    | 27  | 20        |
| Beryllium | 1.4           | F2               | 6.41        | 7.58       | F2            | mg/Kg | ✱ | 96   | 75 - 125    | 23  | 20        |
| Cadmium   | 0.19          | F2               | 6.41        | 6.23       | F2            | mg/Kg | ✱ | 94   | 75 - 125    | 30  | 20        |
| Calcium   | 8900          | F2               | 641         | 8630       | 4 F2          | mg/Kg | ✱ | -45  | 75 - 125    | 23  | 20        |
| Chromium  | 51            |                  | 64.1        | 108        |               | mg/Kg | ✱ | 88   | 75 - 125    | 10  | 20        |
| Cobalt    | 18            |                  | 64.1        | 75.6       |               | mg/Kg | ✱ | 89   | 75 - 125    | 18  | 20        |
| Copper    | 27            |                  | 64.1        | 81.1       |               | mg/Kg | ✱ | 84   | 75 - 125    | 17  | 20        |
| Lead      | 18            | F1               | 6.41        | 21.7       | F1            | mg/Kg | ✱ | 59   | 75 - 125    | 0   | 20        |
| Magnesium | 11000         |                  | 641         | 10800      | 4             | mg/Kg | ✱ | -97  | 75 - 125    | 5   | 20        |
| Manganese | 950           |                  | 64.1        | 808        | 4             | mg/Kg | ✱ | -225 | 75 - 125    | 12  | 20        |
| Nickel    | 34            |                  | 64.1        | 86.4       |               | mg/Kg | ✱ | 82   | 75 - 125    | 16  | 20        |
| Potassium | 7100          |                  | 641         | 9050       | 4             | mg/Kg | ✱ | 298  | 75 - 125    | 0   | 20        |
| Selenium  | 0.27          | J F2             | 12.8        | 11.8       | F2            | mg/Kg | ✱ | 90   | 75 - 125    | 30  | 20        |
| Silver    | 0.059         | J F2             | 6.41        | 6.21       | F2            | mg/Kg | ✱ | 96   | 75 - 125    | 32  | 20        |
| Sodium    | 430           | F1 F2            | 641         | 876        | F1 F2         | mg/Kg | ✱ | 70   | 75 - 125    | 21  | 20        |
| Thallium  | 0.38          | F2               | 12.8        | 11.6       | F2            | mg/Kg | ✱ | 87   | 75 - 125    | 33  | 20        |
| Zinc      | 100           |                  | 64.1        | 151        |               | mg/Kg | ✱ | 76   | 75 - 125    | 3   | 20        |
| Vanadium  | 81            |                  | 64.1        | 137        |               | mg/Kg | ✱ | 88   | 75 - 125    | 4   | 20        |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-139126-3 MSD

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: SS-11 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409132

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Aluminum | 33000         | ^2               | 641         | 39200      | 4             | mg/Kg | ✱ | 945  | 75 - 125    | 7   | 20        |
| Barium   | 250           |                  | 64.1        | 303        |               | mg/Kg | ✱ | 79   | 75 - 125    | 5   | 20        |
| Iron     | 38000         | ^2               | 641         | 36600      | 4             | mg/Kg | ✱ | -162 | 75 - 125    | 11  | 20        |

Lab Sample ID: 410-139126-3 DU

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: SS-11 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409132

| Analyte   | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|-----------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Antimony  | ND            | F1 F2            | 0.112     | J            | mg/Kg | ✱ | NC  | 20        |
| Arsenic   | 4.5           | F2               | 4.61      |              | mg/Kg | ✱ | 2   | 20        |
| Beryllium | 1.4           | F2               | 1.45      |              | mg/Kg | ✱ | 3   | 20        |
| Cadmium   | 0.19          | F2               | 0.190     |              | mg/Kg | ✱ | 1   | 20        |
| Calcium   | 8900          | F2               | 7080      | F3           | mg/Kg | ✱ | 23  | 20        |
| Chromium  | 51            |                  | 52.2      |              | mg/Kg | ✱ | 2   | 20        |
| Cobalt    | 18            |                  | 18.9      |              | mg/Kg | ✱ | 3   | 20        |
| Copper    | 27            |                  | 27.2      |              | mg/Kg | ✱ | 0.9 | 20        |
| Lead      | 18            | F1               | 17.1      |              | mg/Kg | ✱ | 5   | 20        |
| Magnesium | 11000         |                  | 11300     |              | mg/Kg | ✱ | 0.5 | 20        |
| Manganese | 950           |                  | 974       |              | mg/Kg | ✱ | 2   | 20        |
| Nickel    | 34            |                  | 33.7      |              | mg/Kg | ✱ | 0.3 | 20        |
| Potassium | 7100          |                  | 7090      |              | mg/Kg | ✱ | 0.6 | 20        |
| Selenium  | 0.27          | J F2             | 0.274     | J            | mg/Kg | ✱ | 0.9 | 20        |
| Silver    | 0.059         | J F2             | 0.0722    | J            | mg/Kg | ✱ | 19  | 20        |
| Sodium    | 430           | F1 F2            | 450       |              | mg/Kg | ✱ | 6   | 20        |
| Thallium  | 0.38          | F2               | 0.357     |              | mg/Kg | ✱ | 7   | 20        |
| Zinc      | 100           |                  | 103       |              | mg/Kg | ✱ | 0.9 | 20        |
| Vanadium  | 81            |                  | 80.7      |              | mg/Kg | ✱ | 0.1 | 20        |

Lab Sample ID: 410-139126-3 DU

Matrix: Solid

Analysis Batch: 411315

Client Sample ID: SS-11 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409132

| Analyte  | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|----------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Aluminum | 33000         | ^2               | 33900     |              | mg/Kg | ✱ | 2   | 20        |
| Barium   | 250           |                  | 261       |              | mg/Kg | ✱ | 3   | 20        |
| Iron     | 38000         | ^2               | 39100     |              | mg/Kg | ✱ | 4   | 20        |

Lab Sample ID: MB 410-408858/1-A

Matrix: Water

Analysis Batch: 410628

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 408858

| Analyte   | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| Aluminum  | ND        |              | 25   | 12   | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Antimony  | ND        |              | 1.0  | 0.20 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Arsenic   | ND        |              | 2.0  | 0.68 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Barium    | ND        |              | 2.0  | 0.75 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Beryllium | ND        |              | 0.50 | 0.12 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Cadmium   | ND        |              | 0.50 | 0.15 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-408858/1-A

Matrix: Water

Analysis Batch: 410628

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 408858

| Analyte   | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------------|-----------------|------|------|------|---|----------------|----------------|---------|
| Calcium   | ND           |                 | 120  | 50   | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Chromium  | ND           |                 | 2.0  | 0.55 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Cobalt    | ND           |                 | 0.50 | 0.16 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Copper    | ND           |                 | 1.0  | 0.36 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Iron      | ND           |                 | 50   | 20   | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Lead      | ND           |                 | 0.50 | 0.12 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Magnesium | ND           |                 | 50   | 16   | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Manganese | ND           |                 | 2.0  | 0.95 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Nickel    | ND           |                 | 1.0  | 0.40 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Potassium | ND           |                 | 200  | 65   | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Selenium  | ND           |                 | 1.0  | 0.28 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Silver    | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Sodium    | ND           |                 | 200  | 90   | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Thallium  | ND           |                 | 0.50 | 0.13 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Zinc      | ND           |                 | 10   | 4.0  | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |
| Vanadium  | ND           |                 | 4.0  | 0.79 | ug/L |   | 08/16/23 09:39 | 08/21/23 08:43 | 1       |

Lab Sample ID: LCS 410-408858/2-A

Matrix: Water

Analysis Batch: 410628

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 408858

| Analyte   | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------|----------------|---------------|------------------|------|---|------|----------------|
| Aluminum  | 5000           | 5070          |                  | ug/L |   | 101  | 87 - 119       |
| Antimony  | 100            | 101           |                  | ug/L |   | 101  | 80 - 120       |
| Arsenic   | 500            | 507           |                  | ug/L |   | 101  | 85 - 120       |
| Barium    | 500            | 519           |                  | ug/L |   | 104  | 80 - 120       |
| Beryllium | 50.0           | 49.4          |                  | ug/L |   | 99   | 90 - 112       |
| Cadmium   | 50.0           | 52.1          |                  | ug/L |   | 104  | 86 - 113       |
| Calcium   | 5000           | 5050          |                  | ug/L |   | 101  | 85 - 120       |
| Chromium  | 500            | 509           |                  | ug/L |   | 102  | 90 - 115       |
| Cobalt    | 500            | 508           |                  | ug/L |   | 102  | 90 - 113       |
| Copper    | 500            | 510           |                  | ug/L |   | 102  | 80 - 120       |
| Iron      | 5000           | 5130          |                  | ug/L |   | 103  | 88 - 119       |
| Lead      | 50.0           | 51.1          |                  | ug/L |   | 102  | 90 - 115       |
| Magnesium | 5000           | 5080          |                  | ug/L |   | 102  | 90 - 112       |
| Manganese | 500            | 510           |                  | ug/L |   | 102  | 89 - 120       |
| Nickel    | 500            | 504           |                  | ug/L |   | 101  | 90 - 114       |
| Potassium | 5000           | 5080          |                  | ug/L |   | 102  | 90 - 112       |
| Selenium  | 100            | 102           |                  | ug/L |   | 102  | 80 - 120       |
| Silver    | 50.0           | 53.2          |                  | ug/L |   | 106  | 88 - 113       |
| Sodium    | 5000           | 5060          |                  | ug/L |   | 101  | 89 - 112       |
| Thallium  | 100            | 102           |                  | ug/L |   | 102  | 80 - 120       |
| Zinc      | 500            | 517           |                  | ug/L |   | 103  | 90 - 115       |
| Vanadium  | 500            | 509           |                  | ug/L |   | 102  | 90 - 115       |



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 410-408858/3-A

Matrix: Water

Analysis Batch: 410628

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 408858

| Analyte   | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec     |  | RPD | Limit |
|-----------|-------------|-------------|----------------|------|---|------|----------|--|-----|-------|
|           |             |             |                |      |   |      | Limits   |  |     |       |
| Aluminum  | 5000        | 5180        |                | ug/L |   | 104  | 87 - 119 |  | 2   | 20    |
| Antimony  | 100         | 102         |                | ug/L |   | 102  | 80 - 120 |  | 1   | 20    |
| Arsenic   | 500         | 518         |                | ug/L |   | 104  | 85 - 120 |  | 2   | 20    |
| Barium    | 500         | 512         |                | ug/L |   | 102  | 80 - 120 |  | 1   | 20    |
| Beryllium | 50.0        | 49.7        |                | ug/L |   | 99   | 90 - 112 |  | 1   | 20    |
| Cadmium   | 50.0        | 51.9        |                | ug/L |   | 104  | 86 - 113 |  | 0   | 20    |
| Calcium   | 5000        | 5120        |                | ug/L |   | 102  | 85 - 120 |  | 1   | 20    |
| Chromium  | 500         | 515         |                | ug/L |   | 103  | 90 - 115 |  | 1   | 20    |
| Cobalt    | 500         | 513         |                | ug/L |   | 103  | 90 - 113 |  | 1   | 20    |
| Copper    | 500         | 515         |                | ug/L |   | 103  | 80 - 120 |  | 1   | 20    |
| Iron      | 5000        | 5220        |                | ug/L |   | 104  | 88 - 119 |  | 2   | 20    |
| Lead      | 50.0        | 51.5        |                | ug/L |   | 103  | 90 - 115 |  | 1   | 20    |
| Magnesium | 5000        | 5170        |                | ug/L |   | 103  | 90 - 112 |  | 2   | 20    |
| Manganese | 500         | 518         |                | ug/L |   | 104  | 89 - 120 |  | 2   | 20    |
| Nickel    | 500         | 511         |                | ug/L |   | 102  | 90 - 114 |  | 1   | 20    |
| Potassium | 5000        | 5160        |                | ug/L |   | 103  | 90 - 112 |  | 1   | 20    |
| Selenium  | 100         | 102         |                | ug/L |   | 102  | 80 - 120 |  | 0   | 20    |
| Silver    | 50.0        | 53.1        |                | ug/L |   | 106  | 88 - 113 |  | 0   | 20    |
| Sodium    | 5000        | 5150        |                | ug/L |   | 103  | 89 - 112 |  | 2   | 20    |
| Thallium  | 100         | 103         |                | ug/L |   | 103  | 80 - 120 |  | 1   | 20    |
| Zinc      | 500         | 520         |                | ug/L |   | 104  | 90 - 115 |  | 1   | 20    |
| Vanadium  | 500         | 517         |                | ug/L |   | 103  | 90 - 115 |  | 1   | 20    |

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-409292/1-A

Matrix: Water

Analysis Batch: 409949

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409292

| Analyte | MB MB  |           | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
|         | Result | Qualifier |      |       |      |   |                |                |         |
| Mercury | ND     |           | 0.20 | 0.079 | ug/L |   | 08/17/23 08:18 | 08/18/23 09:57 | 1       |

Lab Sample ID: LCS 410-409292/2-A

Matrix: Water

Analysis Batch: 409949

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409292

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec     |  |
|---------|-------------|------------|---------------|------|---|------|----------|--|
|         |             |            |               |      |   |      | Limits   |  |
| Mercury | 1.00        | 0.999      |               | ug/L |   | 100  | 80 - 118 |  |

## Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-409166/1-A

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409166

| Analyte | MB MB  |           | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
|         | Result | Qualifier |       |       |       |   |                |                |         |
| Mercury | ND     |           | 0.036 | 0.012 | mg/Kg |   | 08/16/23 21:34 | 08/17/23 10:17 | 1       |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 410-409166/2-A

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409166

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|-------|---|------|-------------|
| Mercury | 0.100       | 0.106      |               | mg/Kg |   | 106  | 80 - 120    |

Lab Sample ID: 410-139126-1 MS

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: SS-4 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409166

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Mercury | 0.097         |                  | 0.262       | 0.399     |              | mg/Kg | ✱ | 115  | 80 - 120    |

Lab Sample ID: 410-139126-1 MSD

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: SS-4 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409166

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Mercury | 0.097         |                  | 0.262       | 0.375      |               | mg/Kg | ✱ | 106  | 80 - 120    | 6   | 20        |

Lab Sample ID: 410-139126-1 DU

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: SS-4 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409166

| Analyte | Sample Result | Sample Qualifier | Spike Added | DU Result | DU Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|-----|-----------|
| Mercury | 0.097         |                  |             | 0.0957    |              | mg/Kg | ✱ |      |             | 2   | 20        |

Lab Sample ID: MB 410-409171/1-A

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 409171

| Analyte | MB Result | MB Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | ND        |              | 0.036 | 0.012 | mg/Kg |   | 08/16/23 22:02 | 08/17/23 11:38 | 1       |

Lab Sample ID: LCS 410-409171/2-A

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 409171

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|-------|---|------|-------------|
| Mercury | 0.100       | 0.115      |               | mg/Kg |   | 115  | 80 - 120    |

Lab Sample ID: 410-139126-3 MS

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: SS-11 (0-0.25) MS

Prep Type: Total/NA

Prep Batch: 409171

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Mercury | 0.065         | J                | 0.222       | 0.303     |              | mg/Kg | ✱ | 107  | 80 - 120    |

Lab Sample ID: 410-139126-3 MSD

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: SS-11 (0-0.25) MSD

Prep Type: Total/NA

Prep Batch: 409171

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Mercury | 0.065         | J                | 0.219       | 0.291      |               | mg/Kg | ✱ | 104  | 80 - 120    | 4   | 20        |

Eurofins Lancaster Laboratories Environment Testing, LLC

## QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

### Method: 7471B - Mercury (CVAA)

Lab Sample ID: 410-139126-3 DU

Matrix: Solid

Analysis Batch: 409562

Client Sample ID: SS-11 (0-0.25) Dup

Prep Type: Total/NA

Prep Batch: 409171

| Analyte | Sample | Sample    | DU     | DU        | Unit  | D | RPD | RPD   |
|---------|--------|-----------|--------|-----------|-------|---|-----|-------|
|         | Result | Qualifier | Result | Qualifier |       |   |     | Limit |
| Mercury | 0.065  | J         | 0.0530 | J         | mg/Kg | ☼ | 20  | 20    |

# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## GC/MS VOA

### Prep Batch: 410615

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-1     | SS-4 (0-0.25)      | Total/NA  | Solid  | 5035   |            |
| 410-139126-2     | SS-4 (0.75-1)      | Total/NA  | Solid  | 5035   |            |
| 410-139126-3     | SS-11 (0-0.25)     | Total/NA  | Solid  | 5035   |            |
| 410-139126-4     | SS-11 (0.75-1)     | Total/NA  | Solid  | 5035   |            |
| 410-139126-5     | SS-10 (0-0.25)     | Total/NA  | Solid  | 5035   |            |
| 410-139126-6     | SS-10 (0.75-1)     | Total/NA  | Solid  | 5035   |            |
| 410-139126-1 MS  | SS-4 (0-0.25) MS   | Total/NA  | Solid  | 5035   |            |
| 410-139126-1 MSD | SS-4 (0-0.25) MSD  | Total/NA  | Solid  | 5035   |            |
| 410-139126-3 MS  | SS-11 (0-0.25) MS  | Total/NA  | Solid  | 5035   |            |
| 410-139126-3 MSD | SS-11 (0-0.25) MSD | Total/NA  | Solid  | 5035   |            |

### Analysis Batch: 410772

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 410-139126-7      | TB1-20230814           | Total/NA  | Water  | 8260D  |            |
| 410-139126-8      | EB1-20230814           | Total/NA  | Water  | 8260D  |            |
| 410-139126-9      | EB2-20230814           | Total/NA  | Water  | 8260D  |            |
| 410-139126-10     | TB2-20230814           | Total/NA  | Water  | 8260D  |            |
| MB 410-410772/7   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 410-410772/4  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 410-410772/5 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |

### Analysis Batch: 412435

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 410-139126-1      | SS-4 (0-0.25)          | Total/NA  | Solid  | 8260D  | 410615     |
| 410-139126-2      | SS-4 (0.75-1)          | Total/NA  | Solid  | 8260D  | 410615     |
| 410-139126-3      | SS-11 (0-0.25)         | Total/NA  | Solid  | 8260D  | 410615     |
| 410-139126-4      | SS-11 (0.75-1)         | Total/NA  | Solid  | 8260D  | 410615     |
| 410-139126-5      | SS-10 (0-0.25)         | Total/NA  | Solid  | 8260D  | 410615     |
| 410-139126-6      | SS-10 (0.75-1)         | Total/NA  | Solid  | 8260D  | 410615     |
| MB 410-412435/7   | Method Blank           | Total/NA  | Solid  | 8260D  |            |
| LCS 410-412435/4  | Lab Control Sample     | Total/NA  | Solid  | 8260D  |            |
| LCSD 410-412435/5 | Lab Control Sample Dup | Total/NA  | Solid  | 8260D  |            |
| 410-139126-1 MS   | SS-4 (0-0.25) MS       | Total/NA  | Solid  | 8260D  | 410615     |
| 410-139126-1 MSD  | SS-4 (0-0.25) MSD      | Total/NA  | Solid  | 8260D  | 410615     |
| 410-139126-3 MS   | SS-11 (0-0.25) MS      | Total/NA  | Solid  | 8260D  | 410615     |
| 410-139126-3 MSD  | SS-11 (0-0.25) MSD     | Total/NA  | Solid  | 8260D  | 410615     |

## GC/MS Semi VOA

### Prep Batch: 409814

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-8       | EB1-20230814       | Total/NA  | Water  | 3510C  |            |
| 410-139126-9       | EB2-20230814       | Total/NA  | Water  | 3510C  |            |
| MB 410-409814/1-A  | Method Blank       | Total/NA  | Water  | 3510C  |            |
| LCS 410-409814/2-A | Lab Control Sample | Total/NA  | Water  | 3510C  |            |

### Prep Batch: 410100

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 410-139126-5      | SS-10 (0-0.25)   | Total/NA  | Solid  | 3546   |            |
| 410-139126-6      | SS-10 (0.75-1)   | Total/NA  | Solid  | 3546   |            |
| MB 410-410100/1-A | Method Blank     | Total/NA  | Solid  | 3546   |            |

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# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 410100 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| LCS 410-410100/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |

### Analysis Batch: 410233

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-8       | EB1-20230814       | Total/NA  | Water  | 8270E  | 409814     |
| 410-139126-9       | EB2-20230814       | Total/NA  | Water  | 8270E  | 409814     |
| MB 410-409814/1-A  | Method Blank       | Total/NA  | Water  | 8270E  | 409814     |
| LCS 410-409814/2-A | Lab Control Sample | Total/NA  | Water  | 8270E  | 409814     |

### Analysis Batch: 410256

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-5       | SS-10 (0-0.25)     | Total/NA  | Solid  | 8270E  | 410100     |
| 410-139126-6       | SS-10 (0.75-1)     | Total/NA  | Solid  | 8270E  | 410100     |
| MB 410-410100/1-A  | Method Blank       | Total/NA  | Solid  | 8270E  | 410100     |
| LCS 410-410100/2-A | Lab Control Sample | Total/NA  | Solid  | 8270E  | 410100     |

### Prep Batch: 411241

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-1       | SS-4 (0-0.25)      | Total/NA  | Solid  | 3546   |            |
| 410-139126-2       | SS-4 (0.75-1)      | Total/NA  | Solid  | 3546   |            |
| 410-139126-3       | SS-11 (0-0.25)     | Total/NA  | Solid  | 3546   |            |
| 410-139126-4       | SS-11 (0.75-1)     | Total/NA  | Solid  | 3546   |            |
| MB 410-411241/1-A  | Method Blank       | Total/NA  | Solid  | 3546   |            |
| LCS 410-411241/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |
| 410-139126-1 MS    | SS-4 (0-0.25) MS   | Total/NA  | Solid  | 3546   |            |
| 410-139126-1 MSD   | SS-4 (0-0.25) MSD  | Total/NA  | Solid  | 3546   |            |
| 410-139126-3 MS    | SS-11 (0-0.25) MS  | Total/NA  | Solid  | 3546   |            |
| 410-139126-3 MSD   | SS-11 (0-0.25) MSD | Total/NA  | Solid  | 3546   |            |

### Analysis Batch: 411483

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-1       | SS-4 (0-0.25)      | Total/NA  | Solid  | 8270E  | 411241     |
| 410-139126-3       | SS-11 (0-0.25)     | Total/NA  | Solid  | 8270E  | 411241     |
| MB 410-411241/1-A  | Method Blank       | Total/NA  | Solid  | 8270E  | 411241     |
| LCS 410-411241/2-A | Lab Control Sample | Total/NA  | Solid  | 8270E  | 411241     |
| 410-139126-1 MS    | SS-4 (0-0.25) MS   | Total/NA  | Solid  | 8270E  | 411241     |
| 410-139126-1 MSD   | SS-4 (0-0.25) MSD  | Total/NA  | Solid  | 8270E  | 411241     |
| 410-139126-3 MS    | SS-11 (0-0.25) MS  | Total/NA  | Solid  | 8270E  | 411241     |
| 410-139126-3 MSD   | SS-11 (0-0.25) MSD | Total/NA  | Solid  | 8270E  | 411241     |

### Analysis Batch: 411723

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 410-139126-2  | SS-4 (0.75-1)    | Total/NA  | Solid  | 8270E  | 411241     |
| 410-139126-4  | SS-11 (0.75-1)   | Total/NA  | Solid  | 8270E  | 411241     |

## Metals

### Prep Batch: 408858

| Lab Sample ID | Client Sample ID | Prep Type         | Matrix | Method | Prep Batch |
|---------------|------------------|-------------------|--------|--------|------------|
| 410-139126-8  | EB1-20230814     | Total Recoverable | Water  | 3005A  |            |
| 410-139126-9  | EB2-20230814     | Total Recoverable | Water  | 3005A  |            |

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# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Metals (Continued)

### Prep Batch: 408858 (Continued)

| Lab Sample ID       | Client Sample ID       | Prep Type         | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| MB 410-408858/1-A   | Method Blank           | Total Recoverable | Water  | 3005A  |            |
| LCS 410-408858/2-A  | Lab Control Sample     | Total Recoverable | Water  | 3005A  |            |
| LCSD 410-408858/3-A | Lab Control Sample Dup | Total Recoverable | Water  | 3005A  |            |

### Prep Batch: 409122

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-1          | SS-4 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-139126-2          | SS-4 (0.75-1)      | Total/NA  | Solid  | 3050B  |            |
| 410-139126-4          | SS-11 (0.75-1)     | Total/NA  | Solid  | 3050B  |            |
| 410-139126-5          | SS-10 (0-0.25)     | Total/NA  | Solid  | 3050B  |            |
| 410-139126-6          | SS-10 (0.75-1)     | Total/NA  | Solid  | 3050B  |            |
| MB 410-409122/1-A     | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| MB 410-409122/1-A ^2  | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| LCS 410-409122/2-A    | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| LCS 410-409122/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| 410-139126-1 MS       | SS-4 (0-0.25) MS   | Total/NA  | Solid  | 3050B  |            |
| 410-139126-1 MSD      | SS-4 (0-0.25) MSD  | Total/NA  | Solid  | 3050B  |            |
| 410-139126-1 DU       | SS-4 (0-0.25) Dup  | Total/NA  | Solid  | 3050B  |            |

### Prep Batch: 409132

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-3          | SS-11 (0-0.25)     | Total/NA  | Solid  | 3050B  |            |
| MB 410-409132/1-A     | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| MB 410-409132/1-A ^2  | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| LCS 410-409132/2-A    | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| LCS 410-409132/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| 410-139126-3 MS       | SS-11 (0-0.25) MS  | Total/NA  | Solid  | 3050B  |            |
| 410-139126-3 MSD      | SS-11 (0-0.25) MSD | Total/NA  | Solid  | 3050B  |            |
| 410-139126-3 DU       | SS-11 (0-0.25) Dup | Total/NA  | Solid  | 3050B  |            |

### Prep Batch: 409166

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-1       | SS-4 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-139126-2       | SS-4 (0.75-1)      | Total/NA  | Solid  | 7471B  |            |
| 410-139126-4       | SS-11 (0.75-1)     | Total/NA  | Solid  | 7471B  |            |
| 410-139126-5       | SS-10 (0-0.25)     | Total/NA  | Solid  | 7471B  |            |
| 410-139126-6       | SS-10 (0.75-1)     | Total/NA  | Solid  | 7471B  |            |
| MB 410-409166/1-A  | Method Blank       | Total/NA  | Solid  | 7471B  |            |
| LCS 410-409166/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| 410-139126-1 MS    | SS-4 (0-0.25) MS   | Total/NA  | Solid  | 7471B  |            |
| 410-139126-1 MSD   | SS-4 (0-0.25) MSD  | Total/NA  | Solid  | 7471B  |            |
| 410-139126-1 DU    | SS-4 (0-0.25) Dup  | Total/NA  | Solid  | 7471B  |            |

### Prep Batch: 409171

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-3       | SS-11 (0-0.25)     | Total/NA  | Solid  | 7471B  |            |
| MB 410-409171/1-A  | Method Blank       | Total/NA  | Solid  | 7471B  |            |
| LCS 410-409171/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| 410-139126-3 MS    | SS-11 (0-0.25) MS  | Total/NA  | Solid  | 7471B  |            |
| 410-139126-3 MSD   | SS-11 (0-0.25) MSD | Total/NA  | Solid  | 7471B  |            |
| 410-139126-3 DU    | SS-11 (0-0.25) Dup | Total/NA  | Solid  | 7471B  |            |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Metals

### Prep Batch: 409292

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-8       | EB1-20230814       | Total/NA  | Water  | 7470A  |            |
| 410-139126-9       | EB2-20230814       | Total/NA  | Water  | 7470A  |            |
| MB 410-409292/1-A  | Method Blank       | Total/NA  | Water  | 7470A  |            |
| LCS 410-409292/2-A | Lab Control Sample | Total/NA  | Water  | 7470A  |            |

### Analysis Batch: 409478

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-1       | SS-4 (0-0.25)      | Total/NA  | Solid  | 6010D  | 409122     |
| 410-139126-2       | SS-4 (0.75-1)      | Total/NA  | Solid  | 6010D  | 409122     |
| 410-139126-3       | SS-11 (0-0.25)     | Total/NA  | Solid  | 6010D  | 409132     |
| 410-139126-4       | SS-11 (0.75-1)     | Total/NA  | Solid  | 6010D  | 409122     |
| 410-139126-5       | SS-10 (0-0.25)     | Total/NA  | Solid  | 6010D  | 409122     |
| 410-139126-6       | SS-10 (0.75-1)     | Total/NA  | Solid  | 6010D  | 409122     |
| MB 410-409122/1-A  | Method Blank       | Total/NA  | Solid  | 6010D  | 409122     |
| MB 410-409132/1-A  | Method Blank       | Total/NA  | Solid  | 6010D  | 409132     |
| LCS 410-409122/2-A | Lab Control Sample | Total/NA  | Solid  | 6010D  | 409122     |
| LCS 410-409132/2-A | Lab Control Sample | Total/NA  | Solid  | 6010D  | 409132     |
| 410-139126-1 MS    | SS-4 (0-0.25) MS   | Total/NA  | Solid  | 6010D  | 409122     |
| 410-139126-1 MSD   | SS-4 (0-0.25) MSD  | Total/NA  | Solid  | 6010D  | 409122     |
| 410-139126-3 MS    | SS-11 (0-0.25) MS  | Total/NA  | Solid  | 6010D  | 409132     |
| 410-139126-3 MSD   | SS-11 (0-0.25) MSD | Total/NA  | Solid  | 6010D  | 409132     |
| 410-139126-1 DU    | SS-4 (0-0.25) Dup  | Total/NA  | Solid  | 6010D  | 409122     |
| 410-139126-3 DU    | SS-11 (0-0.25) Dup | Total/NA  | Solid  | 6010D  | 409132     |

### Analysis Batch: 409562

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-1       | SS-4 (0-0.25)      | Total/NA  | Solid  | 7471B  | 409166     |
| 410-139126-2       | SS-4 (0.75-1)      | Total/NA  | Solid  | 7471B  | 409166     |
| 410-139126-3       | SS-11 (0-0.25)     | Total/NA  | Solid  | 7471B  | 409171     |
| 410-139126-4       | SS-11 (0.75-1)     | Total/NA  | Solid  | 7471B  | 409166     |
| 410-139126-5       | SS-10 (0-0.25)     | Total/NA  | Solid  | 7471B  | 409166     |
| 410-139126-6       | SS-10 (0.75-1)     | Total/NA  | Solid  | 7471B  | 409166     |
| MB 410-409166/1-A  | Method Blank       | Total/NA  | Solid  | 7471B  | 409166     |
| MB 410-409171/1-A  | Method Blank       | Total/NA  | Solid  | 7471B  | 409171     |
| LCS 410-409166/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  | 409166     |
| LCS 410-409171/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  | 409171     |
| 410-139126-1 MS    | SS-4 (0-0.25) MS   | Total/NA  | Solid  | 7471B  | 409166     |
| 410-139126-1 MSD   | SS-4 (0-0.25) MSD  | Total/NA  | Solid  | 7471B  | 409166     |
| 410-139126-3 MS    | SS-11 (0-0.25) MS  | Total/NA  | Solid  | 7471B  | 409171     |
| 410-139126-3 MSD   | SS-11 (0-0.25) MSD | Total/NA  | Solid  | 7471B  | 409171     |
| 410-139126-1 DU    | SS-4 (0-0.25) Dup  | Total/NA  | Solid  | 7471B  | 409166     |
| 410-139126-3 DU    | SS-11 (0-0.25) Dup | Total/NA  | Solid  | 7471B  | 409171     |

### Analysis Batch: 409710

| Lab Sample ID       | Client Sample ID       | Prep Type         | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 410-139126-8        | EB1-20230814           | Total Recoverable | Water  | 6010D  | 408858     |
| MB 410-408858/1-A   | Method Blank           | Total Recoverable | Water  | 6010D  | 408858     |
| LCS 410-408858/2-A  | Lab Control Sample     | Total Recoverable | Water  | 6010D  | 408858     |
| LCSD 410-408858/3-A | Lab Control Sample Dup | Total Recoverable | Water  | 6010D  | 408858     |

# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

## Metals

### Analysis Batch: 409896

| Lab Sample ID | Client Sample ID | Prep Type         | Matrix | Method | Prep Batch |
|---------------|------------------|-------------------|--------|--------|------------|
| 410-139126-9  | EB2-20230814     | Total Recoverable | Water  | 6010D  | 408858     |

### Analysis Batch: 409949

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-8       | EB1-20230814       | Total/NA  | Water  | 7470A  | 409292     |
| 410-139126-9       | EB2-20230814       | Total/NA  | Water  | 7470A  | 409292     |
| MB 410-409292/1-A  | Method Blank       | Total/NA  | Water  | 7470A  | 409292     |
| LCS 410-409292/2-A | Lab Control Sample | Total/NA  | Water  | 7470A  | 409292     |

### Analysis Batch: 410365

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-2          | SS-4 (0.75-1)      | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-2          | SS-4 (0.75-1)      | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-4          | SS-11 (0.75-1)     | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-4          | SS-11 (0.75-1)     | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-5          | SS-10 (0-0.25)     | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-5          | SS-10 (0-0.25)     | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-6          | SS-10 (0.75-1)     | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-6          | SS-10 (0.75-1)     | Total/NA  | Solid  | 6020B  | 409122     |
| MB 410-409122/1-A ^2  | Method Blank       | Total/NA  | Solid  | 6020B  | 409122     |
| LCS 410-409122/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 6020B  | 409122     |

### Analysis Batch: 410430

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-1          | SS-4 (0-0.25)      | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-1          | SS-4 (0-0.25)      | Total/NA  | Solid  | 6020B  | 409122     |
| MB 410-409122/1-A ^2  | Method Blank       | Total/NA  | Solid  | 6020B  | 409122     |
| LCS 410-409122/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-1 MS       | SS-4 (0-0.25) MS   | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-1 MS       | SS-4 (0-0.25) MS   | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-1 MSD      | SS-4 (0-0.25) MSD  | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-1 MSD      | SS-4 (0-0.25) MSD  | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-1 DU       | SS-4 (0-0.25) Dup  | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-1 DU       | SS-4 (0-0.25) Dup  | Total/NA  | Solid  | 6020B  | 409122     |

### Analysis Batch: 410628

| Lab Sample ID       | Client Sample ID       | Prep Type         | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 410-139126-1        | SS-4 (0-0.25)          | Total/NA          | Solid  | 6020B  | 409122     |
| 410-139126-1        | SS-4 (0-0.25)          | Total/NA          | Solid  | 6020B  | 409122     |
| 410-139126-2        | SS-4 (0.75-1)          | Total/NA          | Solid  | 6020B  | 409122     |
| 410-139126-4        | SS-11 (0.75-1)         | Total/NA          | Solid  | 6020B  | 409122     |
| 410-139126-5        | SS-10 (0-0.25)         | Total/NA          | Solid  | 6020B  | 409122     |
| 410-139126-6        | SS-10 (0.75-1)         | Total/NA          | Solid  | 6020B  | 409122     |
| 410-139126-8        | EB1-20230814           | Total Recoverable | Water  | 6020B  | 408858     |
| 410-139126-9        | EB2-20230814           | Total Recoverable | Water  | 6020B  | 408858     |
| MB 410-408858/1-A   | Method Blank           | Total Recoverable | Water  | 6020B  | 408858     |
| LCS 410-408858/2-A  | Lab Control Sample     | Total Recoverable | Water  | 6020B  | 408858     |
| LCSD 410-408858/3-A | Lab Control Sample Dup | Total Recoverable | Water  | 6020B  | 408858     |
| 410-139126-1 MS     | SS-4 (0-0.25) MS       | Total/NA          | Solid  | 6020B  | 409122     |
| 410-139126-1 MS     | SS-4 (0-0.25) MS       | Total/NA          | Solid  | 6020B  | 409122     |
| 410-139126-1 MSD    | SS-4 (0-0.25) MSD      | Total/NA          | Solid  | 6020B  | 409122     |

Eurofins Lancaster Laboratories Environment Testing, LLC

## QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

### Metals (Continued)

#### Analysis Batch: 410628 (Continued)

| Lab Sample ID    | Client Sample ID  | Prep Type | Matrix | Method | Prep Batch |
|------------------|-------------------|-----------|--------|--------|------------|
| 410-139126-1 MSD | SS-4 (0-0.25) MSD | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-1 DU  | SS-4 (0-0.25) Dup | Total/NA  | Solid  | 6020B  | 409122     |
| 410-139126-1 DU  | SS-4 (0-0.25) Dup | Total/NA  | Solid  | 6020B  | 409122     |

#### Analysis Batch: 410813

| Lab Sample ID | Client Sample ID | Prep Type         | Matrix | Method | Prep Batch |
|---------------|------------------|-------------------|--------|--------|------------|
| 410-139126-8  | EB1-20230814     | Total Recoverable | Water  | 6020B  | 408858     |
| 410-139126-9  | EB2-20230814     | Total Recoverable | Water  | 6020B  | 408858     |

#### Analysis Batch: 411315

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-139126-3          | SS-11 (0-0.25)     | Total/NA  | Solid  | 6020B  | 409132     |
| 410-139126-3          | SS-11 (0-0.25)     | Total/NA  | Solid  | 6020B  | 409132     |
| MB 410-409132/1-A ^2  | Method Blank       | Total/NA  | Solid  | 6020B  | 409132     |
| LCS 410-409132/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 6020B  | 409132     |
| 410-139126-3 MS       | SS-11 (0-0.25) MS  | Total/NA  | Solid  | 6020B  | 409132     |
| 410-139126-3 MS       | SS-11 (0-0.25) MS  | Total/NA  | Solid  | 6020B  | 409132     |
| 410-139126-3 MSD      | SS-11 (0-0.25) MSD | Total/NA  | Solid  | 6020B  | 409132     |
| 410-139126-3 MSD      | SS-11 (0-0.25) MSD | Total/NA  | Solid  | 6020B  | 409132     |
| 410-139126-3 DU       | SS-11 (0-0.25) Dup | Total/NA  | Solid  | 6020B  | 409132     |
| 410-139126-3 DU       | SS-11 (0-0.25) Dup | Total/NA  | Solid  | 6020B  | 409132     |

### General Chemistry

#### Analysis Batch: 409236

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 410-139126-1  | SS-4 (0-0.25)    | Total/NA  | Solid  | Moisture |            |
| 410-139126-2  | SS-4 (0.75-1)    | Total/NA  | Solid  | Moisture |            |
| 410-139126-3  | SS-11 (0-0.25)   | Total/NA  | Solid  | Moisture |            |
| 410-139126-4  | SS-11 (0.75-1)   | Total/NA  | Solid  | Moisture |            |
| 410-139126-5  | SS-10 (0-0.25)   | Total/NA  | Solid  | Moisture |            |
| 410-139126-6  | SS-10 (0.75-1)   | Total/NA  | Solid  | Moisture |            |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

**Client Sample ID: SS-4 (0-0.25)**

**Lab Sample ID: 410-139126-1**

**Date Collected: 08/14/23 14:35**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 409236       | UVJN    | ELLE | 08/17/23 06:40       |

**Client Sample ID: SS-4 (0-0.25)**

**Lab Sample ID: 410-139126-1**

**Date Collected: 08/14/23 14:35**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

**Percent Solids: 63.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 410615       | D8NM    | ELLE | 08/21/23 16:03       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 412435       | ULCP    | ELLE | 08/25/23 12:30       |
| Total/NA  | Prep       | 3546         |     |                 | 411241       | MD4W    | ELLE | 08/22/23 16:49       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 411483       | GLQ9    | ELLE | 08/23/23 17:37       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 409478       | MT26    | ELLE | 08/17/23 09:10       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410628       | F7JF    | ELLE | 08/21/23 10:36       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 410628       | F7JF    | ELLE | 08/21/23 10:38       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410430       | F7JF    | ELLE | 08/21/23 00:43       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 410430       | F7JF    | ELLE | 08/21/23 00:45       |
| Total/NA  | Prep       | 7471B        |     |                 | 409166       | UAMX    | ELLE | 08/16/23 21:34       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 409562       | UEFS    | ELLE | 08/17/23 10:21       |

**Client Sample ID: SS-4 (0.75-1)**

**Lab Sample ID: 410-139126-2**

**Date Collected: 08/14/23 14:55**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 409236       | UVJN    | ELLE | 08/17/23 06:40       |

**Client Sample ID: SS-4 (0.75-1)**

**Lab Sample ID: 410-139126-2**

**Date Collected: 08/14/23 14:55**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

**Percent Solids: 67.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 410615       | D8NM    | ELLE | 08/21/23 16:03       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 412435       | ULCP    | ELLE | 08/25/23 13:38       |
| Total/NA  | Prep       | 3546         |     |                 | 411241       | MD4W    | ELLE | 08/22/23 16:49       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 411723       | SJ89    | ELLE | 08/23/23 21:54       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6010D        |     | 2               | 409478       | MT26    | ELLE | 08/17/23 10:52       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410365       | LC3M    | ELLE | 08/20/23 18:01       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

**Client Sample ID: SS-4 (0.75-1)**

**Lab Sample ID: 410-139126-2**

**Date Collected: 08/14/23 14:55**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

**Percent Solids: 67.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 410365       | LC3M    | ELLE | 08/20/23 18:03       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410628       | F7JF    | ELLE | 08/21/23 11:32       |
| Total/NA  | Prep       | 7471B        |     |                 | 409166       | UAMX    | ELLE | 08/16/23 21:34       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 409562       | UEFS    | ELLE | 08/17/23 11:14       |

**Client Sample ID: SS-11 (0-0.25)**

**Lab Sample ID: 410-139126-3**

**Date Collected: 08/14/23 15:40**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 409236       | UVJN    | ELLE | 08/17/23 06:40       |

**Client Sample ID: SS-11 (0-0.25)**

**Lab Sample ID: 410-139126-3**

**Date Collected: 08/14/23 15:40**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

**Percent Solids: 75.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 410615       | D8NM    | ELLE | 08/21/23 16:03       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 412435       | ULCP    | ELLE | 08/25/23 14:01       |
| Total/NA  | Prep       | 3546         |     |                 | 411241       | MD4W    | ELLE | 08/22/23 16:49       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 411483       | GLQ9    | ELLE | 08/23/23 18:45       |
| Total/NA  | Prep       | 3050B        |     |                 | 409132       | UAMX    | ELLE | 08/16/23 19:52       |
| Total/NA  | Analysis   | 6010D        |     | 2               | 409478       | MT26    | ELLE | 08/17/23 10:59       |
| Total/NA  | Prep       | 3050B        |     |                 | 409132       | UAMX    | ELLE | 08/16/23 19:52       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 411315       | UCIG    | ELLE | 08/22/23 13:34       |
| Total/NA  | Prep       | 3050B        |     |                 | 409132       | UAMX    | ELLE | 08/16/23 19:52       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 411315       | UCIG    | ELLE | 08/22/23 13:36       |
| Total/NA  | Prep       | 7471B        |     |                 | 409171       | UAMX    | ELLE | 08/16/23 22:02       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 409562       | UEFS    | ELLE | 08/17/23 11:42       |

**Client Sample ID: SS-11 (0.75-1)**

**Lab Sample ID: 410-139126-4**

**Date Collected: 08/14/23 15:55**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 409236       | UVJN    | ELLE | 08/17/23 06:40       |

**Client Sample ID: SS-11 (0.75-1)**

**Lab Sample ID: 410-139126-4**

**Date Collected: 08/14/23 15:55**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

**Percent Solids: 75.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 410615       | D8NM    | ELLE | 08/21/23 16:03       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 412435       | ULCP    | ELLE | 08/25/23 15:09       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

**Client Sample ID: SS-11 (0.75-1)**

**Lab Sample ID: 410-139126-4**

**Date Collected: 08/14/23 15:55**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

**Percent Solids: 75.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 411241       | MD4W    | ELLE | 08/22/23 16:49       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 411723       | SJ89    | ELLE | 08/23/23 22:18       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6010D        |     | 2               | 409478       | MT26    | ELLE | 08/17/23 10:49       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410365       | LC3M    | ELLE | 08/20/23 17:57       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 410365       | LC3M    | ELLE | 08/20/23 17:59       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410628       | F7JF    | ELLE | 08/21/23 11:30       |
| Total/NA  | Prep       | 7471B        |     |                 | 409166       | UAMX    | ELLE | 08/16/23 21:34       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 409562       | UEFS    | ELLE | 08/17/23 11:10       |

**Client Sample ID: SS-10 (0-0.25)**

**Lab Sample ID: 410-139126-5**

**Date Collected: 08/14/23 16:15**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 409236       | UVJN    | ELLE | 08/17/23 06:40       |

**Client Sample ID: SS-10 (0-0.25)**

**Lab Sample ID: 410-139126-5**

**Date Collected: 08/14/23 16:15**

**Matrix: Solid**

**Date Received: 08/16/23 09:50**

**Percent Solids: 74.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 410615       | D8NM    | ELLE | 08/21/23 16:03       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 412435       | ULCP    | ELLE | 08/25/23 15:31       |
| Total/NA  | Prep       | 3546         |     |                 | 410100       | MD4W    | ELLE | 08/18/23 16:30       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 410256       | P7EB    | ELLE | 08/19/23 23:22       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6010D        |     | 2               | 409478       | MT26    | ELLE | 08/17/23 10:37       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410365       | LC3M    | ELLE | 08/20/23 17:25       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 410365       | LC3M    | ELLE | 08/20/23 17:27       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410628       | F7JF    | ELLE | 08/21/23 11:12       |
| Total/NA  | Prep       | 7471B        |     |                 | 409166       | UAMX    | ELLE | 08/16/23 21:34       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 409562       | UEFS    | ELLE | 08/17/23 11:12       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

**Client Sample ID: SS-10 (0.75-1)**

**Lab Sample ID: 410-139126-6**

Date Collected: 08/14/23 16:25

Matrix: Solid

Date Received: 08/16/23 09:50

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 409236       | UVJN    | ELLE | 08/17/23 06:40       |

**Client Sample ID: SS-10 (0.75-1)**

**Lab Sample ID: 410-139126-6**

Date Collected: 08/14/23 16:25

Matrix: Solid

Date Received: 08/16/23 09:50

Percent Solids: 77.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 410615       | D8NM    | ELLE | 08/21/23 16:03       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 412435       | ULCP    | ELLE | 08/25/23 15:54       |
| Total/NA  | Prep       | 3546         |     |                 | 410100       | MD4W    | ELLE | 08/18/23 16:30       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 410256       | P7EB    | ELLE | 08/19/23 23:45       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6010D        |     | 2               | 409478       | MT26    | ELLE | 08/17/23 10:56       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410365       | LC3M    | ELLE | 08/20/23 18:05       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 410365       | LC3M    | ELLE | 08/20/23 18:07       |
| Total/NA  | Prep       | 3050B        |     |                 | 409122       | UAMX    | ELLE | 08/16/23 19:28       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 410628       | F7JF    | ELLE | 08/21/23 11:34       |
| Total/NA  | Prep       | 7471B        |     |                 | 409166       | UAMX    | ELLE | 08/16/23 21:34       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 409562       | UEFS    | ELLE | 08/17/23 11:16       |

**Client Sample ID: TB1-20230814**

**Lab Sample ID: 410-139126-7**

Date Collected: 08/14/23 00:00

Matrix: Water

Date Received: 08/16/23 09:50

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 410772       | K4WN    | ELLE | 08/21/23 22:35       |

**Client Sample ID: EB1-20230814**

**Lab Sample ID: 410-139126-8**

Date Collected: 08/14/23 17:15

Matrix: Water

Date Received: 08/16/23 09:50

| Prep Type         | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-------------------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA          | Analysis   | 8260D        |     | 1               | 410772       | K4WN    | ELLE | 08/21/23 22:56       |
| Total/NA          | Prep       | 3510C        |     |                 | 409814       | QKX3    | ELLE | 08/18/23 07:46       |
| Total/NA          | Analysis   | 8270E        |     | 1               | 410233       | UWHS    | ELLE | 08/19/23 21:54       |
| Total Recoverable | Prep       | 3005A        |     |                 | 408858       | HUH3    | ELLE | 08/17/23 07:47       |
| Total Recoverable | Analysis   | 6010D        |     | 1               | 409710       | T8CQ    | ELLE | 08/17/23 21:46       |
| Total Recoverable | Prep       | 3005A        |     |                 | 408858       | HUH3    | ELLE | 08/17/23 07:47       |
| Total Recoverable | Analysis   | 6020B        |     | 1               | 410628       | F7JF    | ELLE | 08/21/23 09:17       |
| Total Recoverable | Prep       | 3005A        |     |                 | 408858       | HUH3    | ELLE | 08/17/23 07:47       |
| Total Recoverable | Analysis   | 6020B        |     | 1               | 410813       | UCIG    | ELLE | 08/21/23 17:00       |
| Total/NA          | Prep       | 7470A        |     |                 | 409292       | HUH3    | ELLE | 08/17/23 08:18       |
| Total/NA          | Analysis   | 7470A        |     | 1               | 409949       | UEFS    | ELLE | 08/18/23 10:15       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

**Client Sample ID: EB2-20230814**

**Lab Sample ID: 410-139126-9**

**Date Collected: 08/14/23 17:30**

**Matrix: Water**

**Date Received: 08/16/23 09:50**

| Prep Type         | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-------------------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA          | Analysis   | 8260D        |     | 1               | 410772       | K4WN    | ELLE | 08/21/23 23:16       |
| Total/NA          | Prep       | 3510C        |     |                 | 409814       | QKX3    | ELLE | 08/18/23 07:46       |
| Total/NA          | Analysis   | 8270E        |     | 1               | 410233       | UWHS    | ELLE | 08/19/23 22:15       |
| Total Recoverable | Prep       | 3005A        |     |                 | 408858       | HUH3    | ELLE | 08/17/23 07:47       |
| Total Recoverable | Analysis   | 6010D        |     | 10              | 409896       | MT26    | ELLE | 08/18/23 06:48       |
| Total Recoverable | Prep       | 3005A        |     |                 | 408858       | HUH3    | ELLE | 08/17/23 07:47       |
| Total Recoverable | Analysis   | 6020B        |     | 1               | 410628       | F7JF    | ELLE | 08/21/23 09:21       |
| Total Recoverable | Prep       | 3005A        |     |                 | 408858       | HUH3    | ELLE | 08/17/23 07:47       |
| Total Recoverable | Analysis   | 6020B        |     | 1               | 410813       | UCIG    | ELLE | 08/21/23 16:32       |
| Total/NA          | Prep       | 7470A        |     |                 | 409292       | HUH3    | ELLE | 08/17/23 08:20       |
| Total/NA          | Analysis   | 7470A        |     | 1               | 409949       | UEFS    | ELLE | 08/18/23 10:40       |

**Client Sample ID: TB2-20230814**

**Lab Sample ID: 410-139126-10**

**Date Collected: 08/14/23 00:00**

**Matrix: Water**

**Date Received: 08/16/23 09:50**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 410772       | K4WN    | ELLE | 08/21/23 23:36       |

## Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

## Accreditation/Certification Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

### Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| New York  | NELAP   | 10670                 | 04-01-24        |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte          |
|-----------------|-------------|--------|------------------|
| 6010D           | 3005A       | Water  | Lithium          |
| Moisture        |             | Solid  | Percent Moisture |



## Method Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

| Method   | Method Description                                 | Protocol | Laboratory |
|----------|----------------------------------------------------|----------|------------|
| 8260D    | Volatile Organic Compounds by GC/MS                | SW846    | ELLE       |
| 8270E    | Semivolatile Organic Compounds (GC/MS)             | SW846    | ELLE       |
| 6010D    | Metals (ICP)                                       | SW846    | ELLE       |
| 6020B    | Metals (ICP/MS)                                    | SW846    | ELLE       |
| 7470A    | Mercury (CVAA)                                     | SW846    | ELLE       |
| 7471B    | Mercury (CVAA)                                     | SW846    | ELLE       |
| Moisture | Percent Moisture                                   | EPA      | ELLE       |
| 3005A    | Preparation, Total Recoverable or Dissolved Metals | SW846    | ELLE       |
| 3050B    | Preparation, Metals                                | SW846    | ELLE       |
| 3510C    | Liquid-Liquid Extraction (Separatory Funnel)       | SW846    | ELLE       |
| 3546     | Microwave Extraction                               | SW846    | ELLE       |
| 5030C    | Purge and Trap                                     | SW846    | ELLE       |
| 5035     | Closed System Purge and Trap                       | SW846    | ELLE       |
| 7470A    | Preparation, Mercury                               | SW846    | ELLE       |
| 7471B    | Preparation, Mercury                               | SW846    | ELLE       |

### Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

## Sample Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-139126-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 410-139126-1  | SS-4 (0-0.25)    | Solid  | 08/14/23 14:35 | 08/16/23 09:50 |
| 410-139126-2  | SS-4 (0.75-1)    | Solid  | 08/14/23 14:55 | 08/16/23 09:50 |
| 410-139126-3  | SS-11 (0-0.25)   | Solid  | 08/14/23 15:40 | 08/16/23 09:50 |
| 410-139126-4  | SS-11 (0.75-1)   | Solid  | 08/14/23 15:55 | 08/16/23 09:50 |
| 410-139126-5  | SS-10 (0-0.25)   | Solid  | 08/14/23 16:15 | 08/16/23 09:50 |
| 410-139126-6  | SS-10 (0.75-1)   | Solid  | 08/14/23 16:25 | 08/16/23 09:50 |
| 410-139126-7  | TB1-20230814     | Water  | 08/14/23 00:00 | 08/16/23 09:50 |
| 410-139126-8  | EB1-20230814     | Water  | 08/14/23 17:15 | 08/16/23 09:50 |
| 410-139126-9  | EB2-20230814     | Water  | 08/14/23 17:30 | 08/16/23 09:50 |
| 410-139126-10 | TB2-20230814     | Water  | 08/14/23 00:00 | 08/16/23 09:50 |

## Eurofins Lancaster Laboratories Environme

2425 New Holland Pike  
Lancaster, PA 17601  
Phone (717) 656-2300

## Chain of Cu



410-139126 Chain of Custody



Environment Testing

|                                                                                                                                                                                                                                   |  |                                                                              |                    |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Client Information</b>                                                                                                                                                                                                         |  | Sampler: <i>Integral</i>                                                     |                    | rier Tracking No(s):                                                                                                                                                                                                                             |                                                                    | COC No:<br>410-95155-26994.1                                                                                                                                             |                                   |                                                                                                                                                                                                     |
| Client Contact:<br>Manon Tanner-Dave                                                                                                                                                                                              |  | Phone:                                                                       |                    | ile of Origin:                                                                                                                                                                                                                                   |                                                                    | Page:<br>Page 1 of 3                                                                                                                                                     |                                   |                                                                                                                                                                                                     |
| Company:<br>Integral Consulting Inc                                                                                                                                                                                               |  | PWSID:                                                                       |                    | <b>Analysis Requested</b>                                                                                                                                                                                                                        |                                                                    | Job #:                                                                                                                                                                   |                                   |                                                                                                                                                                                                     |
| Address:<br>319 SW Washington Ave Suite 1150                                                                                                                                                                                      |  | Due Date Requested:<br><i>Per Contract</i>                                   |                    | <div>Field Filtered Sample (Yes or No)</div> <div>60100, 60200, 7471B, 8270E, Moisture</div> <div>82600 - VOCs Regulated + THM's</div> <div>8270E - TCL 4.3 SVOCs</div> <div>60100, 60200, 7470A</div> <div>82600 - VOCs Regulated + THM's</div> |                                                                    | Preservation Codes:                                                                                                                                                      |                                   |                                                                                                                                                                                                     |
| City:<br>Portland                                                                                                                                                                                                                 |  | TAT Requested (days):<br><i>Per Contract</i>                                 |                    |                                                                                                                                                                                                                                                  |                                                                    | A - HCL<br>B - NaOH<br>C - Zn Acetate<br>D - Nitric Acid<br>E - NaHSO4<br>F - MeOH<br>G - Amchlor<br>H - Ascorbic Acid<br>I - Ice<br>J - DI Water<br>K - EDTA<br>L - EDA |                                   | M - Hexane<br>N - None<br>O - AsNaO2<br>P - Na2O4S<br>Q - Na2SO3<br>R - Na2S2O3<br>S - H2SO4<br>T - TSP Dodecahydrate<br>U - Acetone<br>V - MCAA<br>W - pH 4-5<br>Y - Trizma<br>Z - other (specify) |
| State, Zip:<br>OR, 97204                                                                                                                                                                                                          |  | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |                                                                                                                                                                                                                                                  |                                                                    | Other:                                                                                                                                                                   |                                   |                                                                                                                                                                                                     |
| Phone:<br>503-284-5545(Tel)                                                                                                                                                                                                       |  | PO #:                                                                        |                    |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
| Email:<br>mtanner@integral-corp.com                                                                                                                                                                                               |  | Purchase Order Requested                                                     |                    |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
| Project Name:<br>Solar Farm/Battery NY State                                                                                                                                                                                      |  | WO #:                                                                        |                    |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
| Site:                                                                                                                                                                                                                             |  | Project #:<br>41016198                                                       |                    |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
| SSOW#:                                                                                                                                                                                                                            |  |                                                                              |                    |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
| <b>Sample Identification</b>                                                                                                                                                                                                      |  | <b>Sample Date</b>                                                           | <b>Sample Time</b> | <b>Sample Type</b><br>(C=comp, G=grab)                                                                                                                                                                                                           | <b>Matrix</b><br>(W=water, S=solid, O=waste/oil, BT=tissue, A=air) | <b>Total Number of containers</b>                                                                                                                                        | <b>Special Instructions/Note:</b> |                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                   |  |                                                                              |                    |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
| SS-4 (0-0.25)                                                                                                                                                                                                                     |  | 8/14/23                                                                      | 1435               | G                                                                                                                                                                                                                                                | S                                                                  | N                                                                                                                                                                        | X X X                             |                                                                                                                                                                                                     |
| SS-4 (0-0.25)MS                                                                                                                                                                                                                   |  | 8/14/23                                                                      | 1435               |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          | X X X                             |                                                                                                                                                                                                     |
| SS-4 (0-0.25)MSD                                                                                                                                                                                                                  |  | 8/14/23                                                                      | 1435               |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          | X X X                             |                                                                                                                                                                                                     |
| SS-4 (0.75-1)                                                                                                                                                                                                                     |  | 8/14/23                                                                      | 1455               |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          | X X X                             |                                                                                                                                                                                                     |
| SS-11 (0-0.25)                                                                                                                                                                                                                    |  | 8/14/23                                                                      | 1540               |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          | X X X                             |                                                                                                                                                                                                     |
| SS-11 (0-0.25)MS                                                                                                                                                                                                                  |  | 8/14/23                                                                      | 1540               |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          | X X X                             |                                                                                                                                                                                                     |
| SS-11 (0-0.25)MSD                                                                                                                                                                                                                 |  | 8/14/23                                                                      | 1540               |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          | X X X                             |                                                                                                                                                                                                     |
| SS-11 (0.75-1)                                                                                                                                                                                                                    |  | 8/14/23                                                                      | 1555               |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          | X X X                             |                                                                                                                                                                                                     |
| SS-10 (0-0.25)                                                                                                                                                                                                                    |  | 8/14/23                                                                      | 1615               |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          | X X X                             |                                                                                                                                                                                                     |
| SS-10 (0.75-1)                                                                                                                                                                                                                    |  | 8/14/23                                                                      | 1625               |                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                                          | X X X                             |                                                                                                                                                                                                     |
| TBI-20230814                                                                                                                                                                                                                      |  | 8/14/23                                                                      | -                  | -                                                                                                                                                                                                                                                | TB                                                                 |                                                                                                                                                                          | X                                 |                                                                                                                                                                                                     |
| <b>Possible Hazard Identification</b>                                                                                                                                                                                             |  |                                                                              |                    | <b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b>                                                                                                                                                       |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
| <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |  |                                                                              |                    | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months                                                                                                             |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                            |  |                                                                              |                    | Special Instructions/QC Requirements:                                                                                                                                                                                                            |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |
| Empty Kit Relinquished by:                                                                                                                                                                                                        |  | Date:                                                                        |                    | Time:                                                                                                                                                                                                                                            |                                                                    | Method of Shipment:                                                                                                                                                      |                                   |                                                                                                                                                                                                     |
| Relinquished by: <i>Cynthia Zatzewnicki</i>                                                                                                                                                                                       |  | Date/Time: <i>8/15/23 16:00</i>                                              |                    | Company: <i>Integral</i>                                                                                                                                                                                                                         |                                                                    | Received by: _____ Date/Time: _____ Company: _____                                                                                                                       |                                   |                                                                                                                                                                                                     |
| Relinquished by: _____                                                                                                                                                                                                            |  | Date/Time: _____                                                             |                    | Company: _____                                                                                                                                                                                                                                   |                                                                    | Received by: _____ Date/Time: _____ Company: _____                                                                                                                       |                                   |                                                                                                                                                                                                     |
| Relinquished by: _____                                                                                                                                                                                                            |  | Date/Time: _____                                                             |                    | Company: _____                                                                                                                                                                                                                                   |                                                                    | Received by: <i>mtf</i> <i>8/16/23 0950</i> <i>lve</i> Date/Time: _____ Company: _____                                                                                   |                                   |                                                                                                                                                                                                     |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                    |  | Custody Seal No.:                                                            |                    | Cooler Temperature(s) °C and Other Remarks: <i>1.5/1.5 23/23</i>                                                                                                                                                                                 |                                                                    |                                                                                                                                                                          |                                   |                                                                                                                                                                                                     |

## Environment Testing

8/26/2023

## Login Sample Receipt Checklist

Client: Integral Consulting Inc

Job Number: 410-139126-1

Login Number: 139126

List Number: 1

Creator: McCaskey, Jonathan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

| Question                                                                         | Answer | Comment                             |
|----------------------------------------------------------------------------------|--------|-------------------------------------|
| The cooler's custody seal is intact.                                             | True   |                                     |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |                                     |
| Samples were received on ice.                                                    | True   |                                     |
| Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen). | True   |                                     |
| Cooler Temperature is recorded.                                                  | True   |                                     |
| WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen). | N/A    |                                     |
| WV: Container Temperature is recorded.                                           | N/A    |                                     |
| COC is present.                                                                  | True   |                                     |
| COC is filled out in ink and legible.                                            | True   |                                     |
| COC is filled out with all pertinent information.                                | True   |                                     |
| There are no discrepancies between the containers received and the COC.          | True   |                                     |
| Sample containers have legible labels.                                           | True   |                                     |
| Containers are not broken or leaking.                                            | True   |                                     |
| Sample collection date/times are provided.                                       | True   |                                     |
| Appropriate sample containers are used.                                          | True   |                                     |
| Sample bottles are completely filled.                                            | True   |                                     |
| There is sufficient vol. for all requested analyses.                             | True   |                                     |
| Is the Field Sampler's name present on COC?                                      | False  | Refer to Job Narrative for details. |
| Sample custody seals are intact.                                                 | True   |                                     |
| VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?      | True   |                                     |



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Manon Tanner-Dave  
Integral Consulting Inc  
319 SW Washington Ave  
Suite 1150  
Portland, Oregon 97204

Generated 9/3/2023 9:50:17 PM

## JOB DESCRIPTION

Solar Farm/Battery NY State

## JOB NUMBER

410-140000-1

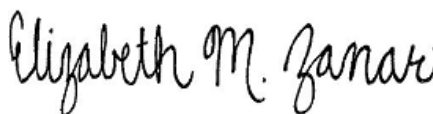
# Eurofins Lancaster Laboratories Environment Testing, LLC

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
9/3/2023 9:50:17 PM

Authorized for release by  
Elizabeth Zonar, Project Manager  
[Elizabeth.Zonar@et.eurofinsus.com](mailto:Elizabeth.Zonar@et.eurofinsus.com)  
(717)556-7290

## Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

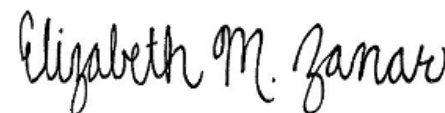
- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
  - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
  - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

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# Table of Contents

|                                  |     |
|----------------------------------|-----|
| Cover Page . . . . .             | 1   |
| Table of Contents . . . . .      | 4   |
| Definitions/Glossary . . . . .   | 5   |
| Case Narrative . . . . .         | 7   |
| Detection Summary . . . . .      | 9   |
| Client Sample Results . . . . .  | 20  |
| Surrogate Summary . . . . .      | 77  |
| QC Sample Results . . . . .      | 79  |
| QC Association Summary . . . . . | 113 |
| Lab Chronicle . . . . .          | 121 |
| Certification Summary . . . . .  | 131 |
| Method Summary . . . . .         | 132 |
| Sample Summary . . . . .         | 133 |
| Chain of Custody . . . . .       | 134 |
| Receipt Checklists . . . . .     | 136 |



## Definitions/Glossary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| cn        | Refer to Case Narrative for further detail                                                                     |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

#### GC/MS VOA TICs

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| cn        | Refer to Case Narrative for further detail                                                                     |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| J         | Indicates an Estimated Value for TICs                                                                          |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| N         | Presumptive evidence of material.                                                                              |
| T         | Result is a tentatively identified compound (TIC) and an estimated value.                                      |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| cn        | Refer to Case Narrative for further detail                                                                     |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

#### GC/MS Semi VOA TICs

| Qualifier | Qualifier Description                                                     |
|-----------|---------------------------------------------------------------------------|
| B         | Compound was found in the blank and sample.                               |
| J         | Indicates an Estimated Value for TICs                                     |
| N         | Presumptive evidence of material.                                         |
| T         | Result is a tentatively identified compound (TIC) and an estimated value. |

#### Metals

| Qualifier | Qualifier Description                                                                                                                                                       |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ^2        | Calibration Blank (ICB and/or CCB) is outside acceptance limits.                                                                                                            |
| ^3+       | Reporting Limit Check Standard is outside acceptance limits, high biased                                                                                                    |
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.                   |
| B         | Compound was found in the blank and sample.                                                                                                                                 |
| E         | Result exceeded calibration range.                                                                                                                                          |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                                                                              |
| F2        | MS/MSD RPD exceeds control limits                                                                                                                                           |
| F3        | Duplicate RPD exceeds the control limit                                                                                                                                     |
| F5        | Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both. |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.                                                              |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |



## Definitions/Glossary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report.          |
|--------------|--------------------------------------------------------------------------------------|
| EDL          | Estimated Detection Limit (Dioxin)                                                   |
| LOD          | Limit of Detection (DoD/DOE)                                                         |
| LOQ          | Limit of Quantitation (DoD/DOE)                                                      |
| MCL          | EPA recommended "Maximum Contaminant Level"                                          |
| MDA          | Minimum Detectable Activity (Radiochemistry)                                         |
| MDC          | Minimum Detectable Concentration (Radiochemistry)                                    |
| MDL          | Method Detection Limit                                                               |
| ML           | Minimum Level (Dioxin)                                                               |
| MPN          | Most Probable Number                                                                 |
| MQL          | Method Quantitation Limit                                                            |
| NC           | Not Calculated                                                                       |
| ND           | Not Detected at the reporting limit (or MDL or EDL if shown)                         |
| NEG          | Negative / Absent                                                                    |
| POS          | Positive / Present                                                                   |
| PQL          | Practical Quantitation Limit                                                         |
| PRES         | Presumptive                                                                          |
| QC           | Quality Control                                                                      |
| RER          | Relative Error Ratio (Radiochemistry)                                                |
| RL           | Reporting Limit or Requested Limit (Radiochemistry)                                  |
| RPD          | Relative Percent Difference, a measure of the relative difference between two points |
| TEF          | Toxicity Equivalent Factor (Dioxin)                                                  |
| TEQ          | Toxicity Equivalent Quotient (Dioxin)                                                |
| TNTC         | Too Numerous To Count                                                                |

## Case Narrative

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Job ID: 410-140000-1**

**Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC**

### Narrative

#### Job Narrative 410-140000-1

#### Receipt

The samples were received on 8/23/2023 10:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 2.8°C

#### Receipt Exceptions

The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC):

Entered based on received containers and email from PM.

SS-5 (0.75-1) (410-140000-18)

#### GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-413492 recovered above the upper control limit for Vinyl chloride. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: Internal standard (ISTD) response for t-Butyl alcohol-d10 for the following samples in analytical batch 410-413639 was outside acceptance criteria: SS-3 (0-0.25) (410-140000-1), SS-3 (0.75-1) (410-140000-2), SS-1 (0-0.25) (410-140000-5), SS-1 (0.75-1) (410-140000-6), SS-7 (0.75-1) (410-140000-8), SS-9 (0.75-1) (410-140000-13) and SS-5 (0.75-1) (410-140000-18). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-413475 recovered above the upper control limit for Bis(2-ethylhexyl) phthalate and Butyl benzyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: EB2-20230822 (410-140000-17).

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-413475 was outside the method criteria for the following analyte(s): Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-413455 recovered above the upper control limit for Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. EB1-20230822 (410-140000-16).

Method 8270E: The initial calibration verification (ICV) associated with batch 410-413714 recovered above the upper control limit for Hexachlorocyclopentadiene. The samples associated with this ICV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The initial calibration verification (ICV) associated with batch 410-414158 recovered above the upper control limit for Hexachlorocyclopentadiene. The samples associated with this ICV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The initial calibration verification (ICV) result for batch 410-414514 was above the upper control limit. Sample results were non-detects, and have been reported as qualified data.

Method 8270E: The initial calibration verification (ICV) associated with batch 410-415189 recovered above the upper control limit for Hexachlorocyclopentadiene. The samples associated with this ICV were non-detects for the affected analytes; therefore, the data have been reported.

## Case Narrative

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

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### Job ID: 410-140000-1 (Continued)

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#### Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: SS-3 (0-0.25)**

**Lab Sample ID: 410-140000-1**

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 7.1    | J         | 23    | 7.0   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acetophenone           | 55     | J         | 70    | 23    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzaldehyde           | 200    | J         | 230   | 47    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 11     | J         | 23    | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 16     | J         | 23    | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 27     |           | 23    | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 13     | J         | 23    | 5.6   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 17     | J         | 23    | 5.6   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenol                 | 65     |           | 51    | 23    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 22     | J         | 23    | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium                | 22     |           | 6.4   | 2.6   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum               | 30000  |           | 130   | 63    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic                | 3.7    |           | 0.51  | 0.17  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium                 | 190    |           | 0.51  | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 1.2    |           | 0.13  | 0.030 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.27   |           | 0.13  | 0.051 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium                | 4800   |           | 51    | 25    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium               | 41     |           | 0.51  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt                 | 18     |           | 0.26  | 0.10  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper                 | 20     |           | 0.51  | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                   | 33000  |           | 130   | 59    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                   | 19     |           | 0.26  | 0.097 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium              | 8600   |           | 13    | 6.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese              | 960    |           | 0.51  | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 26     |           | 0.51  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium              | 5100   |           | 51    | 21    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.30   | J         | 0.51  | 0.13  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.052  | J         | 0.13  | 0.052 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium                 | 170    |           | 64    | 31    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium               | 0.31   |           | 0.13  | 0.050 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 83     |           | 38    | 5.1   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium               | 63     |           | 1.0   | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.034  | J         | 0.084 | 0.028 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

**Client Sample ID: SS-3 (0.75-1)**

**Lab Sample ID: 410-140000-2**

| Analyte      | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Chrysene     | 7.4    | J         | 22   | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene | 11     | J         | 22   | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene | 7.9    | J         | 22   | 5.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene       | 8.9    | J         | 22   | 4.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium      | 27     |           | 6.2  | 2.5   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum     | 36000  | ^2        | 120  | 61    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic      | 3.8    |           | 0.49 | 0.16  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium       | 270    |           | 2.5  | 1.1   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium    | 1.3    |           | 0.12 | 0.029 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium      | 0.059  | J         | 0.12 | 0.049 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium      | 3600   |           | 49   | 24    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium     | 53     |           | 0.49 | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt       | 23     |           | 0.25 | 0.099 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper       | 29     |           | 0.49 | 0.22  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### Client Sample ID: SS-3 (0.75-1) (Continued)

### Lab Sample ID: 410-140000-2

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Iron      | 36000  | ^2        | 120   | 57    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead      | 14     |           | 0.25  | 0.094 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium | 10000  |           | 12    | 6.0   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese | 520    | ^2        | 0.49  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 34     |           | 0.49  | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 7600   |           | 49    | 20    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium  | 0.22   | J         | 0.49  | 0.12  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 260    |           | 62    | 30    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.38   |           | 0.12  | 0.048 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 95     |           | 37    | 4.9   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 73     |           | 0.99  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury   | 0.036  | J         | 0.076 | 0.025 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: SS-2 (0-0.25)

### Lab Sample ID: 410-140000-3

| Analyte                | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene    | 9.9    | J         | 24   | 7.1   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene         | 150    |           | 24   | 5.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acetophenone           | 28     | J         | 71   | 24    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 63     |           | 24   | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzaldehyde           | 140    | J         | 240  | 47    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 330    |           | 24   | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 490    |           | 24   | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 640    |           | 24   | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 380    |           | 24   | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 190    |           | 24   | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 480    |           | 24   | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 97     |           | 24   | 9.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 490    |           | 24   | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 350    |           | 24   | 5.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 26     |           | 24   | 9.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 110    |           | 24   | 5.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 490    |           | 24   | 4.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium                | 25     |           | 6.6  | 2.7   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum               | 30000  |           | 130  | 66    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Antimony               | 0.11   | J         | 0.27 | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic                | 3.6    |           | 0.53 | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium                 | 190    |           | 0.53 | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 1.2    |           | 0.13 | 0.032 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.20   |           | 0.13 | 0.053 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium                | 5100   |           | 53   | 26    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium               | 41     |           | 0.53 | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt                 | 18     |           | 0.27 | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper                 | 21     |           | 0.53 | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                   | 35000  |           | 130  | 61    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                   | 23     |           | 0.27 | 0.10  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium              | 8600   |           | 13   | 6.5   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese              | 800    |           | 0.53 | 0.27  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 25     |           | 0.53 | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium              | 5200   |           | 53   | 21    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.39   | J         | 0.53 | 0.13  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC



## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### Client Sample ID: SS-2 (0-0.25) (Continued)

### Lab Sample ID: 410-140000-3

| Analyte  | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Silver   | 0.068  | J         | 0.13  | 0.054 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium   | 180    |           | 66    | 32    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium | 0.30   |           | 0.13  | 0.052 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc     | 93     |           | 40    | 5.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium | 66     |           | 1.1   | 0.27  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury  | 0.045  | J         | 0.081 | 0.027 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: SS-2 (0.75-1)

### Lab Sample ID: 410-140000-4

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Acenaphthylene         | 16     | J         | 21    | 5.1   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 7.8    | J         | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 21     |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 35     |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 48     |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 28     |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 14     | J         | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 41     |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 9.6    | J         | 21    | 8.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 51     |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 24     |           | 21    | 5.1   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 21     |           | 21    | 5.1   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 50     |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium                | 27     |           | 6.0   | 2.4   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum               | 32000  |           | 120   | 59    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Antimony               | 0.097  | J         | 0.24  | 0.096 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic                | 3.4    |           | 0.48  | 0.16  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium                 | 190    |           | 0.48  | 0.22  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 1.2    |           | 0.12  | 0.028 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.17   |           | 0.12  | 0.048 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium                | 3000   |           | 48    | 23    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium               | 42     |           | 0.48  | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt                 | 16     |           | 0.24  | 0.096 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper                 | 19     |           | 0.48  | 0.22  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                   | 34000  |           | 120   | 55    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                   | 21     |           | 0.24  | 0.091 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium              | 8700   |           | 12    | 5.9   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese              | 710    |           | 0.48  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 26     |           | 0.48  | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium              | 5500   |           | 48    | 19    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.34   | J         | 0.48  | 0.12  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.055  | J         | 0.12  | 0.049 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium                 | 180    |           | 60    | 29    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium               | 0.34   |           | 0.12  | 0.047 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 130    |           | 36    | 4.8   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium               | 65     |           | 0.96  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.039  | J         | 0.071 | 0.024 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: SS-1 (0-0.25)

### Lab Sample ID: 410-140000-5

| Analyte        | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Acenaphthylene | 7.7    | J         | 24 | 5.7 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

# Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-1 (0-0.25) (Continued)

Lab Sample ID: 410-140000-5

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Benzaldehyde           | 71     | J         | 240   | 48    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 15     | J         | 24    | 4.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 20     | J         | 24    | 4.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 25     |           | 24    | 4.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 17     | J         | 24    | 4.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 8.2    | J         | 24    | 4.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 22     | J         | 24    | 4.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 33     |           | 24    | 4.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 14     | J         | 24    | 5.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 17     | J         | 24    | 5.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 29     |           | 24    | 4.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium                | 22     |           | 7.0   | 2.8   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum               | 33000  | ^2        | 140   | 69    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Antimony               | 0.14   | J         | 0.28  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic                | 3.1    |           | 0.56  | 0.19  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium                 | 190    |           | 0.56  | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 1.1    |           | 0.14  | 0.033 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.27   |           | 0.14  | 0.056 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium                | 12000  |           | 56    | 27    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium               | 38     |           | 0.56  | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt                 | 12     |           | 0.28  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper                 | 16     |           | 0.56  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                   | 31000  | ^2        | 140   | 64    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                   | 17     |           | 0.28  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium              | 6500   |           | 14    | 6.8   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese              | 890    | ^2        | 0.56  | 0.28  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 22     |           | 0.56  | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium              | 4000   |           | 56    | 22    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.37   | J         | 0.56  | 0.14  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.069  | J         | 0.14  | 0.057 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium                 | 140    |           | 70    | 33    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium               | 0.29   |           | 0.14  | 0.055 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 82     |           | 42    | 5.6   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium               | 57     |           | 1.1   | 0.28  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.062  | J         | 0.083 | 0.028 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

Client Sample ID: SS-1 (0.75-1)

Lab Sample ID: 410-140000-6

| Analyte              | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Benzaldehyde         | 60     | J         | 210  | 43    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene   | 6.3    | J         | 21   | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene | 11     | J         | 21   | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene             | 10     | J         | 21   | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene         | 12     | J         | 21   | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene               | 9.8    | J         | 21   | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium              | 23     |           | 5.9  | 2.4   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum             | 38000  | ^2        | 120  | 59    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic              | 4.4    |           | 0.47 | 0.16  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium               | 310    |           | 2.4  | 1.1   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium            | 1.3    |           | 0.12 | 0.028 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium              | 0.38   |           | 0.12 | 0.047 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### Client Sample ID: SS-1 (0.75-1) (Continued)

### Lab Sample ID: 410-140000-6

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil | Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|-----|-----|---|--------|-----------|
| Calcium   | 5900   |           | 47    | 23    | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Chromium  | 49     |           | 0.47  | 0.23  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Cobalt    | 27     |           | 0.24  | 0.095 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Copper    | 26     |           | 0.47  | 0.21  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Iron      | 41000  | ^2        | 120   | 55    | mg/Kg | 10  |     | ✱ | 6020B  | Total/NA  |
| Lead      | 16     |           | 0.24  | 0.090 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Magnesium | 7900   |           | 12    | 5.8   | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Manganese | 1800   | ^2        | 2.4   | 1.2   | mg/Kg | 10  |     | ✱ | 6020B  | Total/NA  |
| Nickel    | 35     |           | 0.47  | 0.23  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Potassium | 5500   |           | 47    | 19    | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Selenium  | 0.38   | J         | 0.47  | 0.12  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Silver    | 0.10   | J         | 0.12  | 0.048 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Sodium    | 150    |           | 59    | 28    | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.37   |           | 0.12  | 0.046 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Zinc      | 79     |           | 36    | 4.7   | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Vanadium  | 77     |           | 0.95  | 0.24  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Mercury   | 0.039  | J         | 0.072 | 0.024 | mg/Kg | 1   |     | ✱ | 7471B  | Total/NA  |

### Client Sample ID: SS-7 (0-0.25)

### Lab Sample ID: 410-140000-7

| Analyte              | Result | Qualifier | RL   | MDL   | Unit  | Dil | Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|-------|-----|-----|---|--------|-----------|
| Benzo[a]anthracene   | 5.4    | J         | 24   | 4.8   | ug/Kg | 1   |     | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene       | 6.9    | J         | 24   | 4.8   | ug/Kg | 1   |     | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene | 10     | J         | 24   | 4.8   | ug/Kg | 1   |     | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene | 8.1    | J         | 24   | 4.8   | ug/Kg | 1   |     | ✱ | 8270E  | Total/NA  |
| Chrysene             | 11     | J         | 24   | 4.8   | ug/Kg | 1   |     | ✱ | 8270E  | Total/NA  |
| Fluoranthene         | 12     | J         | 24   | 4.8   | ug/Kg | 1   |     | ✱ | 8270E  | Total/NA  |
| Naphthalene          | 11     | J         | 24   | 9.5   | ug/Kg | 1   |     | ✱ | 8270E  | Total/NA  |
| Phenanthrene         | 8.2    | J         | 24   | 5.7   | ug/Kg | 1   |     | ✱ | 8270E  | Total/NA  |
| Pyrene               | 13     | J         | 24   | 4.8   | ug/Kg | 1   |     | ✱ | 8270E  | Total/NA  |
| Lithium              | 26     |           | 6.9  | 2.8   | mg/Kg | 1   |     | ✱ | 6010D  | Total/NA  |
| Aluminum             | 29000  | ^2        | 140  | 68    | mg/Kg | 10  |     | ✱ | 6020B  | Total/NA  |
| Antimony             | 0.13   | J         | 0.28 | 0.11  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Arsenic              | 4.5    |           | 0.55 | 0.18  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Barium               | 220    |           | 0.55 | 0.25  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Beryllium            | 1.1    |           | 0.14 | 0.033 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Cadmium              | 0.14   |           | 0.14 | 0.055 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Calcium              | 2800   |           | 55   | 27    | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Chromium             | 44     |           | 0.55 | 0.26  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Cobalt               | 23     |           | 0.28 | 0.11  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Copper               | 24     |           | 0.55 | 0.25  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Iron                 | 34000  | ^2        | 140  | 64    | mg/Kg | 10  |     | ✱ | 6020B  | Total/NA  |
| Lead                 | 25     |           | 0.28 | 0.10  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Magnesium            | 8600   |           | 14   | 6.8   | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Manganese            | 990    |           | 0.55 | 0.28  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Nickel               | 28     |           | 0.55 | 0.26  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Potassium            | 5500   |           | 55   | 22    | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Selenium             | 0.32   | J         | 0.55 | 0.14  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Silver               | 0.058  | J         | 0.14 | 0.056 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Sodium               | 180    |           | 69   | 33    | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Thallium             | 0.34   |           | 0.14 | 0.054 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### Client Sample ID: SS-7 (0-0.25) (Continued)

### Lab Sample ID: 410-140000-7

| Analyte  | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Zinc     | 95     |           | 41    | 5.5   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium | 74     |           | 1.1   | 0.28  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury  | 0.040  | J         | 0.085 | 0.028 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: SS-7 (0.75-1)

### Lab Sample ID: 410-140000-8

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Chrysene  | 4.6    | J         | 23    | 4.6   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene    | 6.7    | J         | 23    | 4.6   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium   | 28     |           | 6.6   | 2.6   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum  | 44000  | ^2        | 130   | 65    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic   | 4.5    |           | 0.53  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium    | 340    |           | 2.6   | 1.2   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium | 1.4    |           | 0.13  | 0.031 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium   | 3800   |           | 53    | 26    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium  | 60     |           | 0.53  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt    | 25     |           | 0.26  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper    | 37     |           | 0.53  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron      | 44000  | ^2        | 130   | 61    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead      | 14     |           | 0.26  | 0.10  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium | 12000  |           | 13    | 6.5   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese | 540    |           | 0.53  | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 38     |           | 0.53  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 8500   |           | 53    | 21    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium  | 0.16   | J         | 0.53  | 0.13  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver    | 0.17   |           | 0.13  | 0.053 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 320    |           | 66    | 32    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.47   |           | 0.13  | 0.052 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 110    |           | 40    | 5.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 83     |           | 1.1   | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury   | 0.026  | J         | 0.077 | 0.026 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: SS-8 (0-0.25)

### Lab Sample ID: 410-140000-9

| Analyte      | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Chrysene     | 6.5    | J         | 29   | 5.9   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene | 6.2    | J         | 29   | 5.9   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenol       | 87     |           | 65   | 29    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene       | 6.9    | J         | 29   | 5.9   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium      | 29     |           | 8.5  | 3.4   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum     | 30000  | ^2        | 34   | 17    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Antimony     | 0.15   | J         | 0.34 | 0.14  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic      | 3.9    |           | 0.68 | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium       | 190    |           | 0.68 | 0.31  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium    | 0.98   |           | 0.17 | 0.040 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium      | 0.54   |           | 0.17 | 0.068 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium      | 3300   |           | 68   | 33    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium     | 40     |           | 0.68 | 0.32  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt       | 17     | ^2        | 0.34 | 0.14  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper       | 19     |           | 0.68 | 0.31  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron         | 31000  | ^2        | 170  | 78    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead         | 20     |           | 0.34 | 0.13  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurolins Lancaster Laboratories Environment Testing, LLC

# Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Client Sample ID: SS-8 (0-0.25) (Continued)

## Lab Sample ID: 410-140000-9

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Magnesium | 7400   | ^2        | 17    | 8.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese | 970    | ^2        | 0.68  | 0.34  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 24     |           | 0.68  | 0.32  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 4500   |           | 68    | 27    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium  | 0.36   | J         | 0.68  | 0.17  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 180    |           | 85    | 41    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.34   |           | 0.17  | 0.067 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 97     |           | 51    | 6.8   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 64     |           | 1.4   | 0.34  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury   | 0.052  | J         | 0.099 | 0.033 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

## Client Sample ID: SS-8 (0.75-1)

## Lab Sample ID: 410-140000-10

| Analyte              | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Benzo[b]fluoranthene | 7.6    | J         | 23    | 4.5   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene             | 9.9    | J         | 23    | 4.5   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene         | 8.4    | J         | 23    | 4.5   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene               | 8.0    | J         | 23    | 4.5   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium              | 30     |           | 6.6   | 2.7   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum             | 31000  | ^2        | 130   | 66    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic              | 3.6    |           | 0.53  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium               | 210    |           | 0.53  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium            | 1.2    |           | 0.13  | 0.032 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium              | 0.057  | J         | 0.13  | 0.053 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium              | 2700   |           | 53    | 26    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium             | 46     |           | 0.53  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt               | 18     |           | 0.27  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper               | 18     |           | 0.53  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                 | 34000  | ^2        | 130   | 61    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                 | 17     |           | 0.27  | 0.10  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium            | 8600   |           | 13    | 6.5   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese            | 1100   |           | 0.53  | 0.27  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel               | 27     |           | 0.53  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium            | 5500   |           | 53    | 21    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium             | 0.33   | J         | 0.53  | 0.13  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium               | 190    |           | 66    | 32    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium             | 0.36   |           | 0.13  | 0.052 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc                 | 100    |           | 40    | 5.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium             | 73     |           | 1.1   | 0.27  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury              | 0.041  | J         | 0.076 | 0.025 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

## Client Sample ID: TB1-20230822

## Lab Sample ID: 410-140000-11

No Detections.

## Client Sample ID: SS-9 (0-0.25)

## Lab Sample ID: 410-140000-12

| Analyte              | Result | Qualifier | RL | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene  | 20     | J         | 32 | 9.6 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4-Methylphenol       | 100    |           | 96 | 32  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene | 9.8    | J         | 32 | 6.4 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene             | 9.6    | J         | 32 | 6.4 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene         | 9.8    | J         | 32 | 6.4 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC



# Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Client Sample ID: SS-9 (0-0.25) (Continued)

## Lab Sample ID: 410-140000-12

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Phenol    | 93     |           | 70   | 32    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene    | 9.4    | J         | 32   | 6.4   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium   | 36     |           | 9.6  | 3.8   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum  | 46000  | ^2        | 190  | 95    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Antimony  | 0.15   | J         | 0.38 | 0.15  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic   | 4.7    |           | 0.77 | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium    | 240    |           | 0.77 | 0.35  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium | 1.7    |           | 0.19 | 0.046 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium   | 0.20   |           | 0.19 | 0.077 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium   | 5600   |           | 77   | 38    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium  | 56     |           | 0.77 | 0.36  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt    | 18     |           | 0.38 | 0.15  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper    | 22     |           | 0.77 | 0.35  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron      | 54000  | ^2        | 190  | 88    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead      | 21     |           | 0.38 | 0.15  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium | 10000  |           | 19   | 9.4   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese | 1100   |           | 0.77 | 0.38  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 33     |           | 0.77 | 0.36  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 6700   |           | 77   | 31    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium  | 0.50   | J         | 0.77 | 0.19  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver    | 0.10   | J         | 0.19 | 0.078 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 180    |           | 96   | 46    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.41   |           | 0.19 | 0.075 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 120    |           | 58   | 7.7   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 86     |           | 1.5  | 0.38  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury   | 0.055  | J         | 0.11 | 0.038 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

## Client Sample ID: SS-9 (0.75-1)

## Lab Sample ID: 410-140000-13

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| 1,1'-Biphenyl               | 74     |           | 54  | 24  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 2,4,5-Trichlorophenol       | 34     | J         | 54  | 24  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 2,4,6-Trichlorophenol       | 46     | J         | 54  | 24  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 2-Chloronaphthalene         | 88     |           | 49  | 20  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 2-Methylnaphthalene         | 71     |           | 24  | 7.3 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4-Bromophenyl phenyl ether  | 120    |           | 54  | 24  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4-Chlorophenyl phenyl ether | 110    |           | 54  | 24  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthene                | 92     |           | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene              | 64     |           | 24  | 5.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene                  | 120    |           | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzaldehyde                | 78     | J         | 240 | 49  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene          | 68     |           | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene              | 32     |           | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene        | 38     |           | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene        | 15     | J         | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene        | 35     |           | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene                    | 70     |           | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene       | 17     | J         | 24  | 9.8 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenzofuran                | 110    |           | 54  | 24  | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene                | 96     |           | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluorene                    | 99     |           | 24  | 4.9 | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: SS-9 (0.75-1) (Continued)**

**Lab Sample ID: 410-140000-13**

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Hexachlorobenzene      | 190    |           | 24    | 9.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Hexachlorobutadiene    | 32     | J         | 73    | 29    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 18     | J         | 24    | 5.9   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 45     |           | 24    | 9.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 120    |           | 24    | 5.9   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 99     |           | 24    | 4.9   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium                | 36     |           | 7.0   | 2.8   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum               | 45000  | ^2        | 140   | 70    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic                | 3.8    |           | 0.56  | 0.19  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium                 | 230    |           | 0.56  | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 1.4    |           | 0.14  | 0.034 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.13   | J         | 0.14  | 0.056 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium                | 2400   |           | 56    | 28    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium               | 59     |           | 0.56  | 0.27  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt                 | 15     |           | 0.28  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper                 | 18     |           | 0.56  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                   | 46000  | ^2        | 140   | 65    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                   | 18     |           | 0.28  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium              | 9500   |           | 14    | 6.9   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese              | 840    |           | 0.56  | 0.28  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 30     |           | 0.56  | 0.27  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium              | 6900   |           | 56    | 23    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.55   | J         | 0.56  | 0.14  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.10   | J         | 0.14  | 0.057 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium                 | 180    |           | 70    | 34    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium               | 0.43   |           | 0.14  | 0.055 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 110    |           | 42    | 5.6   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium               | 84     |           | 1.1   | 0.28  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.051  | J         | 0.085 | 0.028 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

**Client Sample ID: SS-5 (0-0.25)**

**Lab Sample ID: 410-140000-14**

| Analyte              | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Anthracene           | 4.2    | J         | 19   | 3.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene   | 5.0    | J         | 19   | 3.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene | 7.2    | J         | 19   | 3.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene             | 8.5    | J         | 19   | 3.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene         | 14     | J         | 19   | 3.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene         | 13     | J         | 19   | 4.5   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene               | 12     | J         | 19   | 3.8   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium              | 28     |           | 5.4  | 2.2   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum             | 23000  |           | 110  | 53    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Antimony             | 0.25   | F1        | 0.22 | 0.086 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic              | 3.0    |           | 0.43 | 0.14  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium               | 180    | F1        | 2.2  | 0.99  | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium            | 1.2    | B         | 0.11 | 0.026 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium              | 0.12   |           | 0.11 | 0.043 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium              | 15000  | F2        | 43   | 21    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium             | 37     |           | 0.43 | 0.21  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt               | 13     |           | 0.22 | 0.086 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper               | 22     |           | 0.43 | 0.19  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### Client Sample ID: SS-5 (0-0.25) (Continued)

### Lab Sample ID: 410-140000-14

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Iron      | 26000  |           | 110   | 50    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead      | 12     |           | 0.22  | 0.082 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium | 10000  |           | 11    | 5.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese | 540    |           | 0.43  | 0.22  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 25     |           | 0.43  | 0.21  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 5300   |           | 43    | 17    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium  | 0.15   | J         | 0.43  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver    | 0.052  | J         | 0.11  | 0.044 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 320    |           | 54    | 26    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.30   |           | 0.11  | 0.042 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 74     |           | 32    | 4.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 55     | F1        | 0.86  | 0.22  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury   | 0.023  | J         | 0.067 | 0.022 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: TB2-20230822

### Lab Sample ID: 410-140000-15

No Detections.

### Client Sample ID: EB1-20230822

### Lab Sample ID: 410-140000-16

| Analyte   | Result | Qualifier | RL  | MDL  | Unit | Dil Fac | D | Method | Prep Type            |
|-----------|--------|-----------|-----|------|------|---------|---|--------|----------------------|
| Aluminum  | 29     |           | 25  | 12   | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Barium    | 2.2    |           | 2.0 | 0.75 | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Calcium   | 240    |           | 120 | 50   | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Magnesium | 29     | J         | 50  | 16   | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Sodium    | 730    |           | 200 | 90   | ug/L | 1       |   | 6020B  | Total<br>Recoverable |

### Client Sample ID: EB2-20230822

### Lab Sample ID: 410-140000-17

| Analyte     | Result | Qualifier | RL   | MDL  | Unit | Dil Fac | D | Method | Prep Type            |
|-------------|--------|-----------|------|------|------|---------|---|--------|----------------------|
| Naphthalene | 0.66   |           | 0.50 | 0.10 | ug/L | 1       |   | 8270E  | Total/NA             |
| Aluminum    | 74     |           | 25   | 12   | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Antimony    | 0.31   | J         | 1.0  | 0.20 | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Barium      | 4.1    |           | 2.0  | 0.75 | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Calcium     | 370    |           | 120  | 50   | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Copper      | 0.47   | J         | 1.0  | 0.36 | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Iron        | 24     | J         | 50   | 20   | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Magnesium   | 56     |           | 50   | 16   | ug/L | 1       |   | 6020B  | Total<br>Recoverable |
| Sodium      | 1200   | ^2        | 200  | 90   | ug/L | 1       |   | 6020B  | Total<br>Recoverable |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

# Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-5 (0.75-1)

Lab Sample ID: 410-140000-18

| Analyte              | Result | Qualifier | RL    | MDL   | Unit  | Dil | Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|-------|-------|-----|-----|---|--------|-----------|
| Benzene              | 0.88   | J cn      | 5.9   | 0.59  | ug/Kg | 1   | ✱   |   | 8260D  | Total/NA  |
| 4-Methylphenol       | 56     | J         | 67    | 22    | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Acetophenone         | 32     | J         | 67    | 22    | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Benzaldehyde         | 160    | J         | 220   | 45    | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Benzo[b]fluoranthene | 11     | J         | 22    | 4.5   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Chrysene             | 10     | J         | 22    | 4.5   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Fluoranthene         | 13     | J         | 22    | 4.5   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Phenanthrene         | 11     | J         | 22    | 5.4   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Phenol               | 65     |           | 49    | 22    | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Pyrene               | 13     | J         | 22    | 4.5   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Lithium              | 25     |           | 6.5   | 2.6   | mg/Kg | 1   | ✱   |   | 6010D  | Total/NA  |
| Aluminum             | 29000  | ^2        | 130   | 65    | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Antimony             | 0.11   | J         | 0.26  | 0.10  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Arsenic              | 3.8    |           | 0.52  | 0.18  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Barium               | 220    |           | 0.52  | 0.24  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Beryllium            | 1.3    | B         | 0.13  | 0.031 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Cadmium              | 0.30   |           | 0.13  | 0.052 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Calcium              | 6700   |           | 52    | 26    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Chromium             | 45     |           | 0.52  | 0.25  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Cobalt               | 16     |           | 0.26  | 0.10  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Copper               | 24     |           | 0.52  | 0.24  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Iron                 | 31000  |           | 130   | 60    | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Lead                 | 18     |           | 0.26  | 0.099 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Magnesium            | 9300   |           | 13    | 6.4   | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Manganese            | 600    |           | 0.52  | 0.26  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Nickel               | 28     |           | 0.52  | 0.25  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Potassium            | 5900   |           | 52    | 21    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Selenium             | 0.27   | J         | 0.52  | 0.13  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Silver               | 0.073  | J         | 0.13  | 0.053 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Sodium               | 260    |           | 65    | 31    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Thallium             | 0.37   |           | 0.13  | 0.051 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Zinc                 | 96     |           | 39    | 5.2   | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Vanadium             | 68     |           | 1.0   | 0.26  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Mercury              | 0.037  | J         | 0.075 | 0.025 | mg/Kg | 1   | ✱   |   | 7471B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-3 (0-0.25)

Lab Sample ID: 410-140000-1

Date Collected: 08/22/23 08:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 71.6

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     | cn        | 7.6 | 0.91 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| 1,1,2-Trichloroethane    | ND     | cn        | 7.6 | 0.76 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| 1,1-Dichloroethene       | ND     | cn        | 7.6 | 0.76 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| 1,2,4-Trichlorobenzene   | ND     | cn        | 15  | 7.6  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| 1,2-Dichlorobenzene      | ND     | cn        | 7.6 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| 1,2-Dichloroethane       | ND     | cn        | 7.6 | 0.91 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| 1,2-Dichloropropane      | ND     | cn        | 7.6 | 0.76 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| 1,4-Dichlorobenzene      | ND     | cn        | 7.6 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Benzene                  | ND     | cn        | 7.6 | 0.76 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Bromodichloromethane     | ND     | cn        | 7.6 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Bromoform                | ND     | cn        | 15  | 7.6  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Carbon tetrachloride     | ND     | cn        | 7.6 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Chlorobenzene            | ND     | cn        | 7.6 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Chloroform               | ND     | cn        | 7.6 | 0.91 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| cis-1,2-Dichloroethene   | ND     | cn        | 7.6 | 0.76 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Dibromochloromethane     | ND     | cn        | 7.6 | 0.76 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Ethylbenzene             | ND     | cn        | 7.6 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| m&p-Xylene               | ND     | cn        | 7.6 | 3.0  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Methylene Chloride       | ND     | cn        | 7.6 | 3.0  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| o-Xylene                 | ND     | cn        | 7.6 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Styrene                  | ND     | cn        | 7.6 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Tetrachloroethene        | ND     | cn        | 7.6 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Toluene                  | ND     | cn        | 7.6 | 0.91 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| trans-1,2-Dichloroethene | ND     | cn        | 7.6 | 0.76 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Trichloroethene          | ND     | cn        | 7.6 | 0.76 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Vinyl chloride           | ND     | cn        | 7.6 | 0.91 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:23 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.   | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|-----------|----------------|----------------|---------|
| Acetaldehyde                    | 18          | T J N cn  | ug/Kg | ☼ | 2.09  | 75-07-0   | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Pentane                         | 14          | T J N cn  | ug/Kg | ☼ | 2.70  | 109-66-0  | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Unknown                         | 23          | T J cn    | ug/Kg | ☼ | 3.08  | N/A       | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Unknown                         | 22          | T J cn    | ug/Kg | ☼ | 3.16  | N/A       | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Unknown                         | 7.8         | T J cn    | ug/Kg | ☼ | 3.53  | N/A       | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Butanal                         | 10          | T J N cn  | ug/Kg | ☼ | 5.30  | 123-72-8  | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Pentanal                        | 48          | T J N cn  | ug/Kg | ☼ | 8.08  | 110-62-3  | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Unknown                         | 8.3         | T J cn    | ug/Kg | ☼ | 9.82  | N/A       | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Hexanal                         | 300         | T J N cn  | ug/Kg | ☼ | 10.22 | 66-25-1   | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Furfural                        | 20          | T J N cn  | ug/Kg | ☼ | 11.06 | 98-01-1   | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Unknown                         | 9.4         | T J cn    | ug/Kg | ☼ | 11.60 | N/A       | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Unknown                         | 10          | T J cn    | ug/Kg | ☼ | 11.91 | N/A       | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| 2-Octenal, (E)-                 | 14          | T J N cn  | ug/Kg | ☼ | 13.23 | 2548-87-0 | 08/25/23 15:20 | 08/29/23 12:23 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 96        | cn        | 50 - 131 | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 113       | cn        | 54 - 135 | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Dibromofluoromethane (Surr)  | 108       | cn        | 50 - 141 | 08/25/23 15:20 | 08/29/23 12:23 | 1       |
| Toluene-d8 (Surr)            | 95        | cn        | 52 - 141 | 08/25/23 15:20 | 08/29/23 12:23 | 1       |

Eurolins Lancaster Laboratories Environment Testing, LLC



# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-3 (0-0.25)

Lab Sample ID: 410-140000-1

Date Collected: 08/22/23 08:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 71.6

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 61   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 61   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1400 | 230 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 230  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2-Chloronaphthalene          | ND     |           | 47   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2-Chlorophenol               | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2-Methylnaphthalene          | 7.1    | J         | 23   | 7.0 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2-Methylphenol               | ND     |           | 70   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2-Nitroaniline               | ND     |           | 70   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2-Nitrophenol                | ND     |           | 70   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 230  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 3-Nitroaniline               | ND     |           | 230  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 700  | 230 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 70   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 4-Chloroaniline              | ND     |           | 230  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 4-Methylphenol               | ND     |           | 70   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 4-Nitroaniline               | ND     |           | 230  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 4-Nitrophenol                | ND     |           | 700  | 230 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Acenaphthene                 | ND     |           | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Acenaphthylene               | ND     |           | 23   | 5.6 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Acetophenone                 | 55     | J         | 70   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Anthracene                   | ND     |           | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Atrazine                     | ND     |           | 230  | 93  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Benzaldehyde                 | 200    | J         | 230  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Benzo[a]anthracene           | 11     | J         | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Benzo[a]pyrene               | ND     |           | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Benzo[b]fluoranthene         | ND     |           | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Benzo[g,h,i]perylene         | ND     |           | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Benzo[k]fluoranthene         | ND     |           | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Butyl benzyl phthalate       | ND     |           | 230  | 93  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Caprolactam                  | ND     |           | 230  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Carbazole                    | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Chrysene                     | 16     | J         | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Di-n-butyl phthalate         | ND     |           | 230  | 93  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Di-n-octyl phthalate         | ND     |           | 230  | 93  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Dibenz(a,h)anthracene        | ND     |           | 23   | 9.3 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Dibenzofuran                 | ND     |           | 51   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Diethyl phthalate            | ND     |           | 230  | 93  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Dimethyl phthalate           | ND     |           | 230  | 93  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Fluoranthene                 | 27     |           | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Fluorene                     | ND     |           | 23   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Hexachlorobenzene            | ND     |           | 23   | 9.3 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-3 (0-0.25)

Lab Sample ID: 410-140000-1

Date Collected: 08/22/23 08:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 71.6

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Hexachlorobutadiene         | ND     |           | 70  | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 700 | 230 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Hexachloroethane            | ND     |           | 230 | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Indeno[1,2,3-cd]pyrene      | 13     | J         | 23  | 5.6 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Isophorone                  | ND     |           | 93  | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 93  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 51  | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Naphthalene                 | ND     |           | 23  | 9.3 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Nitrobenzene                | ND     |           | 51  | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Pentachlorophenol           | ND     |           | 230 | 93  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Phenanthrene                | 17     | J         | 23  | 5.6 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Phenol                      | 65     |           | 51  | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Pyrene                      | 22     | J         | 23  | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 51  | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 51  | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 230 | 93  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 16:15 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Furfural                        | 7100        | T J N     | ug/Kg | ✱ | 3.79  | 98-01-1    | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Unknown                         | 5400        | T J B     | ug/Kg | ✱ | 3.89  | N/A        | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2-Furanmethanol                 | 5500        | T J N     | ug/Kg | ✱ | 4.04  | 98-00-0    | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Unknown                         | 3200        | T J       | ug/Kg | ✱ | 4.09  | N/A        | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Unknown                         | 3200        | T J       | ug/Kg | ✱ | 5.45  | N/A        | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Unknown                         | 3300        | T J       | ug/Kg | ✱ | 6.15  | N/A        | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Unknown                         | 6300        | T J       | ug/Kg | ✱ | 6.96  | N/A        | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| n-Hexadecanoic acid             | 3000        | T J N     | ug/Kg | ✱ | 10.53 | 57-10-3    | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Undecane                        | 4300        | T J N     | ug/Kg | ✱ | 13.13 | 1120-21-4  | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Heneicosanoic acid              | 4000        | T J N     | ug/Kg | ✱ | 13.36 | 2363-71-5  | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Unknown                         | 15000       | T J       | ug/Kg | ✱ | 13.80 | N/A        | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Triacotane                      | 3300        | T J N     | ug/Kg | ✱ | 14.46 | 638-68-6   | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Cyclooctacosane                 | 4300        | T J N     | ug/Kg | ✱ | 14.48 | 297-24-5   | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 1-Heneicosyl formate            | 3200        | T J N     | ug/Kg | ✱ | 15.32 | 77899-03-7 | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| .gamma.-Sitosterol              | 4600        | T J N     | ug/Kg | ✱ | 15.53 | 83-47-6    | 08/28/23 16:25 | 08/29/23 16:15 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 77        |           | 10 - 138 | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2-Fluorobiphenyl (Surr)     | 72        |           | 37 - 120 | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| 2-Fluorophenol (Surr)       | 63        |           | 22 - 120 | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Nitrobenzene-d5 (Surr)      | 71        |           | 26 - 120 | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| p-Terphenyl-d14 (Surr)      | 83        |           | 40 - 133 | 08/28/23 16:25 | 08/29/23 16:15 | 1       |
| Phenol-d5 (Surr)            | 68        |           | 27 - 120 | 08/28/23 16:25 | 08/29/23 16:15 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 22     |           | 6.4 | 2.6 | mg/Kg | ✱ | 08/23/23 20:06 | 08/24/23 07:25 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Aluminum | 30000  |           | 130  | 63   | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:07 | 10      |
| Antimony | ND     |           | 0.26 | 0.10 | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-3 (0-0.25)

Lab Sample ID: 410-140000-1

Date Collected: 08/22/23 08:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 71.6

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 3.7    |           | 0.51 | 0.17  | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Barium    | 190    |           | 0.51 | 0.23  | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Beryllium | 1.2    |           | 0.13 | 0.030 | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Cadmium   | 0.27   |           | 0.13 | 0.051 | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Calcium   | 4800   |           | 51   | 25    | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Chromium  | 41     |           | 0.51 | 0.24  | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Cobalt    | 18     |           | 0.26 | 0.10  | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Copper    | 20     |           | 0.51 | 0.23  | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Iron      | 33000  |           | 130  | 59    | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:07 | 10      |
| Lead      | 19     |           | 0.26 | 0.097 | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Magnesium | 8600   |           | 13   | 6.3   | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Manganese | 960    |           | 0.51 | 0.26  | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Nickel    | 26     |           | 0.51 | 0.24  | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Potassium | 5100   |           | 51   | 21    | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Selenium  | 0.30   | J         | 0.51 | 0.13  | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Silver    | 0.052  | J         | 0.13 | 0.052 | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Sodium    | 170    |           | 64   | 31    | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Thallium  | 0.31   |           | 0.13 | 0.050 | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |
| Zinc      | 83     |           | 38   | 5.1   | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 10:13 | 2       |
| Vanadium  | 63     |           | 1.0  | 0.26  | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 00:05 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.034  | J         | 0.084 | 0.028 | mg/Kg | ✱ | 08/23/23 22:39 | 08/24/23 11:17 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 28.4   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-3 (0.75-1)

Lab Sample ID: 410-140000-2

Date Collected: 08/22/23 08:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 75.1

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     | cn        | 6.5 | 0.78 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| 1,1,2-Trichloroethane  | ND     | cn        | 6.5 | 0.65 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| 1,1-Dichloroethene     | ND     | cn        | 6.5 | 0.65 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| 1,2,4-Trichlorobenzene | ND     | cn        | 13  | 6.5  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| 1,2-Dichlorobenzene    | ND     | cn        | 6.5 | 0.91 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| 1,2-Dichloroethane     | ND     | cn        | 6.5 | 0.78 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| 1,2-Dichloropropane    | ND     | cn        | 6.5 | 0.65 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| 1,4-Dichlorobenzene    | ND     | cn        | 6.5 | 0.91 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Benzene                | ND     | cn        | 6.5 | 0.65 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Bromodichloromethane   | ND     | cn        | 6.5 | 0.91 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Bromoform              | ND     | cn        | 13  | 6.5  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Carbon tetrachloride   | ND     | cn        | 6.5 | 0.91 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Chlorobenzene          | ND     | cn        | 6.5 | 0.91 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Chloroform             | ND     | cn        | 6.5 | 0.78 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| cis-1,2-Dichloroethene | ND     | cn        | 6.5 | 0.65 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-3 (0.75-1)

Lab Sample ID: 410-140000-2

Date Collected: 08/22/23 08:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 75.1

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Dibromochloromethane     | ND     | cn        | 6.5 | 0.65 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Ethylbenzene             | ND     | cn        | 6.5 | 0.91 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| m&p-Xylene               | ND     | cn        | 6.5 | 2.6  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Methylene Chloride       | ND     | cn        | 6.5 | 2.6  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| o-Xylene                 | ND     | cn        | 6.5 | 0.91 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Styrene                  | ND     | cn        | 6.5 | 0.91 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Tetrachloroethene        | ND     | cn        | 6.5 | 0.91 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Toluene                  | ND     | cn        | 6.5 | 0.78 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| trans-1,2-Dichloroethene | ND     | cn        | 6.5 | 0.65 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Trichloroethene          | ND     | cn        | 6.5 | 0.65 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Vinyl chloride           | ND     | cn        | 6.5 | 0.78 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 12:47 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Hexanal                         | 49          | T J N cn  | ug/Kg | ☼ | 10.22 | 66-25-1 | 08/25/23 15:20 | 08/29/23 12:47 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 96        | cn        | 50 - 131 | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 111       | cn        | 54 - 135 | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Dibromofluoromethane (Surr)  | 107       | cn        | 50 - 141 | 08/25/23 15:20 | 08/29/23 12:47 | 1       |
| Toluene-d8 (Surr)            | 96        | cn        | 52 - 141 | 08/25/23 15:20 | 08/29/23 12:47 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 58   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 58   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1300 | 220 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2-Chloronaphthalene          | ND     |           | 44   | 18  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2-Chlorophenol               | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2-Methylnaphthalene          | ND     |           | 22   | 6.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2-Methylphenol               | ND     |           | 66   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2-Nitroaniline               | ND     |           | 66   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2-Nitrophenol                | ND     |           | 66   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 3-Nitroaniline               | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 660  | 220 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 66   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 4-Chloroaniline              | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 4-Methylphenol               | ND     |           | 66   | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 4-Nitroaniline               | ND     |           | 220  | 44  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 4-Nitrophenol                | ND     |           | 660  | 220 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Acenaphthene                 | ND     |           | 22   | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Acenaphthylene               | ND     |           | 22   | 5.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-3 (0.75-1)

Lab Sample ID: 410-140000-2

Date Collected: 08/22/23 08:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 75.1

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Acetophenone                | ND     |           | 66  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Anthracene                  | ND     |           | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Atrazine                    | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Benzaldehyde                | ND     |           | 220 | 44  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Benzo[a]anthracene          | ND     |           | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Benzo[a]pyrene              | ND     |           | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Butyl benzyl phthalate      | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Caprolactam                 | ND     |           | 220 | 44  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Carbazole                   | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Chrysene                    | 7.4    | J         | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Di-n-butyl phthalate        | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Di-n-octyl phthalate        | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 22  | 8.9 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Dibenzofuran                | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Diethyl phthalate           | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Dimethyl phthalate          | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Fluoranthene                | 11     | J         | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Fluorene                    | ND     |           | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Hexachlorobenzene           | ND     |           | 22  | 8.9 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Hexachlorobutadiene         | ND     |           | 66  | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 660 | 220 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Hexachloroethane            | ND     |           | 220 | 44  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 22  | 5.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Isophorone                  | ND     |           | 89  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 89  | 44  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Naphthalene                 | ND     |           | 22  | 8.9 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Nitrobenzene                | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Pentachlorophenol           | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Phenanthrene                | 7.9    | J         | 22  | 5.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Phenol                      | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Pyrene                      | 8.9    | J         | 22  | 4.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 220 | 89  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 16:39 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                         | 3000        | T J       | ug/Kg | ☼ | 3.89  | N/A        | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Unknown                         | 870         | T J       | ug/Kg | ☼ | 4.09  | N/A        | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Unknown                         | 700         | T J       | ug/Kg | ☼ | 6.13  | N/A        | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| n-Hexadecanoic acid             | 1500        | T J N     | ug/Kg | ☼ | 10.52 | 57-10-3    | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 9-Octadecenoic acid, (E)-       | 2000        | T J N     | ug/Kg | ☼ | 11.22 | 112-79-8   | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Octadecanoic acid               | 530         | T J N     | ug/Kg | ☼ | 11.29 | 57-11-4    | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Unknown                         | 850         | T J       | ug/Kg | ☼ | 12.62 | N/A        | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 1-Octadecanol                   | 1100        | T J N     | ug/Kg | ☼ | 13.13 | 112-92-5   | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Heneicosanoic acid              | 1500        | T J N     | ug/Kg | ☼ | 13.36 | 2363-71-5  | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 13-Octadecenal                  | 800         | T J N     | ug/Kg | ☼ | 13.59 | 56554-90-6 | 08/28/23 16:25 | 08/29/23 16:39 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-3 (0.75-1)

Lab Sample ID: 410-140000-2

Date Collected: 08/22/23 08:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 75.1

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.      | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|--------------|----------------|----------------|---------|
| Phosphonic acid, dioctadecyl ester | 2400        | T J N     | ug/Kg | ☼ | 13.79 | 19047-85-9   | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 16-Octadecenal                     | 630         | T J N     | ug/Kg | ☼ | 14.26 | 56554-87-1   | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 1-Triacontanol                     | 530         | T J N     | ug/Kg | ☼ | 14.47 | 1000163-47-7 | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Ergosterol                         | 690         | T J N     | ug/Kg | ☼ | 15.02 | 57-87-4      | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Unknown                            | 580         | T J       | ug/Kg | ☼ | 15.53 | N/A          | 08/28/23 16:25 | 08/29/23 16:39 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 81        |           | 10 - 138 | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2-Fluorobiphenyl (Surr)     | 75        |           | 37 - 120 | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| 2-Fluorophenol (Surr)       | 72        |           | 22 - 120 | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |           | 26 - 120 | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| p-Terphenyl-d14 (Surr)      | 86        |           | 40 - 133 | 08/28/23 16:25 | 08/29/23 16:39 | 1       |
| Phenol-d5 (Surr)            | 75        |           | 27 - 120 | 08/28/23 16:25 | 08/29/23 16:39 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 27     |           | 6.2 | 2.5 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:52 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 36000  | ^2        | 120  | 61    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:19 | 10      |
| Antimony  | ND     |           | 0.25 | 0.099 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Arsenic   | 3.8    |           | 0.49 | 0.16  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Barium    | 270    |           | 2.5  | 1.1   | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:19 | 10      |
| Beryllium | 1.3    |           | 0.12 | 0.029 | mg/Kg | ☼ | 08/23/23 20:29 | 08/29/23 11:46 | 2       |
| Cadmium   | 0.059  | J         | 0.12 | 0.049 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Calcium   | 3600   |           | 49   | 24    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Chromium  | 53     |           | 0.49 | 0.23  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Cobalt    | 23     |           | 0.25 | 0.099 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Copper    | 29     |           | 0.49 | 0.22  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Iron      | 36000  | ^2        | 120  | 57    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:19 | 10      |
| Lead      | 14     |           | 0.25 | 0.094 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Magnesium | 10000  |           | 12   | 6.0   | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Manganese | 520    | ^2        | 0.49 | 0.25  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Nickel    | 34     |           | 0.49 | 0.23  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Potassium | 7600   |           | 49   | 20    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Selenium  | 0.22   | J         | 0.49 | 0.12  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Silver    | ND     |           | 0.12 | 0.050 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Sodium    | 260    |           | 62   | 30    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Thallium  | 0.38   |           | 0.12 | 0.048 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Zinc      | 95     |           | 37   | 4.9   | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |
| Vanadium  | 73     |           | 0.99 | 0.25  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:17 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.036  | J         | 0.076 | 0.025 | mg/Kg | ☼ | 08/23/23 22:39 | 08/24/23 11:19 | 1       |

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-3 (0.75-1)

Lab Sample ID: 410-140000-2

Date Collected: 08/22/23 08:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 75.1

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 24.9   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-2 (0-0.25)

Lab Sample ID: 410-140000-3

Date Collected: 08/22/23 09:15

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 70.4

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 6.8 | 0.81 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| 1,1-Dichloroethene       | ND     |           | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 14  | 6.8  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 6.8 | 0.95 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| 1,2-Dichloroethane       | ND     |           | 6.8 | 0.81 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| 1,2-Dichloropropane      | ND     |           | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 6.8 | 0.95 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Benzene                  | ND     |           | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Bromodichloromethane     | ND     |           | 6.8 | 0.95 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Bromoform                | ND     |           | 14  | 6.8  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Carbon tetrachloride     | ND     |           | 6.8 | 0.95 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Chlorobenzene            | ND     |           | 6.8 | 0.95 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Chloroform               | ND     |           | 6.8 | 0.81 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Dibromochloromethane     | ND     |           | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Ethylbenzene             | ND     |           | 6.8 | 0.95 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| m&p-Xylene               | ND     |           | 6.8 | 2.7  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Methylene Chloride       | ND     |           | 6.8 | 2.7  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| o-Xylene                 | ND     |           | 6.8 | 0.95 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Styrene                  | ND     |           | 6.8 | 0.95 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Tetrachloroethene        | ND     |           | 6.8 | 0.95 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Toluene                  | ND     |           | 6.8 | 0.81 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Trichloroethene          | ND     |           | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Vinyl chloride           | ND     |           | 6.8 | 0.81 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:10 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Unknown                         | 10          | T J       | ug/Kg | ☼ | 2.10  | N/A      | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Pentane                         | 7.8         | T J N     | ug/Kg | ☼ | 2.69  | 109-66-0 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Unknown                         | 8.0         | T J       | ug/Kg | ☼ | 3.09  | N/A      | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Unknown                         | 16          | T J       | ug/Kg | ☼ | 3.16  | N/A      | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Butanal                         | 7.7         | T J N     | ug/Kg | ☼ | 5.30  | 123-72-8 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Pentanal                        | 25          | T J N     | ug/Kg | ☼ | 8.08  | 110-62-3 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Hexanal                         | 140         | T J N     | ug/Kg | ☼ | 10.22 | 66-25-1  | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| 1-Hexanol                       | 7.7         | T J N     | ug/Kg | ☼ | 11.28 | 111-27-3 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Heptanal                        | 9.0         | T J N     | ug/Kg | ☼ | 11.60 | 111-71-7 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Limonene                        | 10          | T J N     | ug/Kg | ☼ | 12.69 | 138-86-3 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Unknown                         | 7.1         | T J       | ug/Kg | ☼ | 13.23 | N/A      | 08/25/23 15:20 | 08/29/23 13:10 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 94        |           | 50 - 131 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-2 (0-0.25)

Lab Sample ID: 410-140000-3

Date Collected: 08/22/23 09:15

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 70.4

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 54 - 135 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 50 - 141 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 52 - 141 | 08/25/23 15:20 | 08/29/23 13:10 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 61   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 61   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1400 | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 240  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2-Chloronaphthalene          | ND     |           | 47   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2-Chlorophenol               | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2-Methylnaphthalene          | 9.9    | J         | 24   | 7.1 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2-Methylphenol               | ND     |           | 71   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2-Nitroaniline               | ND     |           | 71   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2-Nitrophenol                | ND     |           | 71   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 240  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 3-Nitroaniline               | ND     |           | 240  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 710  | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 71   | 28  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 4-Chloroaniline              | ND     |           | 240  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 4-Methylphenol               | ND     |           | 71   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 4-Nitroaniline               | ND     |           | 240  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 4-Nitrophenol                | ND     |           | 710  | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Acenaphthene                 | ND     |           | 24   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Acenaphthylene               | 150    |           | 24   | 5.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Acetophenone                 | 28     | J         | 71   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Anthracene                   | 63     |           | 24   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Atrazine                     | ND     |           | 240  | 94  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Benzaldehyde                 | 140    | J         | 240  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Benzo[a]anthracene           | 330    |           | 24   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Benzo[a]pyrene               | 490    |           | 24   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Benzo[b]fluoranthene         | 640    |           | 24   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Benzo[g,h,i]perylene         | 380    |           | 24   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Benzo[k]fluoranthene         | 190    |           | 24   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Butyl benzyl phthalate       | ND     |           | 240  | 94  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Caprolactam                  | ND     |           | 240  | 47  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Carbazole                    | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Chrysene                     | 480    |           | 24   | 4.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Di-n-butyl phthalate         | ND     |           | 240  | 94  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Di-n-octyl phthalate         | ND     |           | 240  | 94  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Dibenz(a,h)anthracene        | 97     |           | 24   | 9.4 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-2 (0-0.25)

Lab Sample ID: 410-140000-3

Date Collected: 08/22/23 09:15

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 70.4

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Dibenzofuran                | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Diethyl phthalate           | ND     |           | 240 | 94  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Dimethyl phthalate          | ND     |           | 240 | 94  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Fluoranthene                | 490    |           | 24  | 4.7 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Fluorene                    | ND     |           | 24  | 4.7 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Hexachlorobenzene           | ND     |           | 24  | 9.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Hexachlorobutadiene         | ND     |           | 71  | 28  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 710 | 240 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Hexachloroethane            | ND     |           | 240 | 47  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Indeno[1,2,3-cd]pyrene      | 350    |           | 24  | 5.7 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Isophorone                  | ND     |           | 94  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 94  | 47  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Naphthalene                 | 26     |           | 24  | 9.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Nitrobenzene                | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Pentachlorophenol           | ND     |           | 240 | 94  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Phenanthrene                | 110    |           | 24  | 5.7 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Phenol                      | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Pyrene                      | 490    |           | 24  | 4.7 | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 240 | 94  | ug/Kg | ☼ | 08/28/23 16:25 | 08/29/23 17:04 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                            | 4600        | T J       | ug/Kg | ☼ | 3.89  | N/A        | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Unknown                            | 2100        | T J       | ug/Kg | ☼ | 5.45  | N/A        | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Unknown                            | 2000        | T J       | ug/Kg | ☼ | 6.14  | N/A        | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Benzoic acid, 4-hydroxy-3-methoxy- | 1600        | T J N     | ug/Kg | ☼ | 8.78  | 121-34-6   | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Unknown                            | 6100        | T J       | ug/Kg | ☼ | 9.64  | N/A        | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Hexadecenoic acid, Z-11-           | 2300        | T J N     | ug/Kg | ☼ | 10.49 | 2416-20-8  | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| n-Hexadecanoic acid                | 4800        | T J N     | ug/Kg | ☼ | 10.53 | 57-10-3    | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Unknown                            | 1600        | T J       | ug/Kg | ☼ | 10.68 | N/A        | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Docosanoic acid                    | 1700        | T J N     | ug/Kg | ☼ | 12.69 | 112-85-6   | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 1-Heneicosyl formate               | 3700        | T J N     | ug/Kg | ☼ | 13.13 | 77899-03-7 | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Unknown                            | 2700        | T J       | ug/Kg | ☼ | 13.36 | N/A        | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Unknown                            | 8100        | T J       | ug/Kg | ☼ | 13.80 | N/A        | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Pentacosane                        | 3200        | T J N     | ug/Kg | ☼ | 14.46 | 629-99-2   | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 3-Eicosene, (E)-                   | 3000        | T J N     | ug/Kg | ☼ | 14.48 | 74685-33-9 | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| .gamma.-Sitosterol                 | 6100        | T J N     | ug/Kg | ☼ | 15.55 | 83-47-6    | 08/28/23 16:25 | 08/29/23 17:04 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 74        |           | 10 - 138 | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2-Fluorobiphenyl (Surr)     | 70        |           | 37 - 120 | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| 2-Fluorophenol (Surr)       | 66        |           | 22 - 120 | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Nitrobenzene-d5 (Surr)      | 73        |           | 26 - 120 | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| p-Terphenyl-d14 (Surr)      | 81        |           | 40 - 133 | 08/28/23 16:25 | 08/29/23 17:04 | 1       |
| Phenol-d5 (Surr)            | 70        |           | 27 - 120 | 08/28/23 16:25 | 08/29/23 17:04 | 1       |

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-2 (0-0.25)

Lab Sample ID: 410-140000-3

Date Collected: 08/22/23 09:15

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 70.4

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 25     |           | 6.6 | 2.7 | mg/Kg | ✱ | 08/23/23 20:06 | 08/24/23 07:18 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 30000  |           | 130  | 66    | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:59 | 10      |
| Antimony  | 0.11   | J         | 0.27 | 0.11  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Arsenic   | 3.6    |           | 0.53 | 0.18  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Barium    | 190    |           | 0.53 | 0.24  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Beryllium | 1.2    |           | 0.13 | 0.032 | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Cadmium   | 0.20   |           | 0.13 | 0.053 | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Calcium   | 5100   |           | 53   | 26    | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Chromium  | 41     |           | 0.53 | 0.25  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Cobalt    | 18     |           | 0.27 | 0.11  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Copper    | 21     |           | 0.53 | 0.24  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Iron      | 35000  |           | 130  | 61    | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:59 | 10      |
| Lead      | 23     |           | 0.27 | 0.10  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Magnesium | 8600   |           | 13   | 6.5   | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Manganese | 800    |           | 0.53 | 0.27  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Nickel    | 25     |           | 0.53 | 0.25  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Potassium | 5200   |           | 53   | 21    | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Selenium  | 0.39   | J         | 0.53 | 0.13  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Silver    | 0.068  | J         | 0.13 | 0.054 | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Sodium    | 180    |           | 66   | 32    | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Thallium  | 0.30   |           | 0.13 | 0.052 | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |
| Zinc      | 93     |           | 40   | 5.3   | mg/Kg | ✱ | 08/23/23 20:06 | 08/30/23 10:09 | 2       |
| Vanadium  | 66     |           | 1.1  | 0.27  | mg/Kg | ✱ | 08/23/23 20:06 | 08/29/23 23:57 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.045  | J         | 0.081 | 0.027 | mg/Kg | ✱ | 08/23/23 22:39 | 08/24/23 11:21 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 29.6   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-2 (0.75-1)

Lab Sample ID: 410-140000-4

Date Collected: 08/22/23 09:25

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 78.9

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| 1,1-Dichloroethene     | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 12  | 5.8  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| 1,2-Dichloroethane     | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| 1,2-Dichloropropane    | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Benzene                | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Bromodichloromethane   | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-2 (0.75-1)

Lab Sample ID: 410-140000-4

Date Collected: 08/22/23 09:25

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 78.9

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Bromoform                | ND     |           | 12  | 5.8  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Carbon tetrachloride     | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Chlorobenzene            | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Chloroform               | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Dibromochloromethane     | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Ethylbenzene             | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| m&p-Xylene               | ND     |           | 5.8 | 2.3  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Methylene Chloride       | ND     |           | 5.8 | 2.3  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| o-Xylene                 | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Styrene                  | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Tetrachloroethene        | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Toluene                  | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Trichloroethene          | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Vinyl chloride           | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 13:34 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Acetone                         | 9.4         | T J N     | ug/Kg | ✱ | 3.16  | 67-64-1 | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Hexanal                         | 21          | T J N     | ug/Kg | ✱ | 10.23 | 66-25-1 | 08/25/23 15:20 | 08/29/23 13:34 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 93        |           | 50 - 131 | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 54 - 135 | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 50 - 141 | 08/25/23 15:20 | 08/29/23 13:34 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 52 - 141 | 08/25/23 15:20 | 08/29/23 13:34 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 55   | 25  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 55   | 25  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1300 | 210 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 210  | 42  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2-Chloronaphthalene          | ND     |           | 42   | 17  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2-Chlorophenol               | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2-Methylnaphthalene          | ND     |           | 21   | 6.3 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2-Methylphenol               | ND     |           | 63   | 25  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2-Nitroaniline               | ND     |           | 63   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2-Nitrophenol                | ND     |           | 63   | 25  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 210  | 42  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 3-Nitroaniline               | ND     |           | 210  | 42  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 630  | 210 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 63   | 25  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 4-Chloroaniline              | ND     |           | 210  | 42  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-2 (0.75-1)

Lab Sample ID: 410-140000-4

Date Collected: 08/22/23 09:25

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 78.9

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4-Chlorophenyl phenyl ether | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 4-Methylphenol              | ND     |           | 63  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 4-Nitroaniline              | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 4-Nitrophenol               | ND     |           | 630 | 210 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Acenaphthene                | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Acenaphthylene              | 16     | J         | 21  | 5.1 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Acetophenone                | ND     |           | 63  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Anthracene                  | 7.8    | J         | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Atrazine                    | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Benzaldehyde                | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Benzo[a]anthracene          | 21     |           | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Benzo[a]pyrene              | 35     |           | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Benzo[b]fluoranthene        | 48     |           | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Benzo[g,h,i]perylene        | 28     |           | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Benzo[k]fluoranthene        | 14     | J         | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Butyl benzyl phthalate      | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Caprolactam                 | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Carbazole                   | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Chrysene                    | 41     |           | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Di-n-butyl phthalate        | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Di-n-octyl phthalate        | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Dibenz[a,h]anthracene       | 9.6    | J         | 21  | 8.4 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Dibenzofuran                | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Diethyl phthalate           | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Dimethyl phthalate          | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Fluoranthene                | 51     |           | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Fluorene                    | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Hexachlorobenzene           | ND     |           | 21  | 8.4 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Hexachlorobutadiene         | ND     |           | 63  | 25  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 630 | 210 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Hexachloroethane            | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Indeno[1,2,3-cd]pyrene      | 24     |           | 21  | 5.1 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Isophorone                  | ND     |           | 84  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 84  | 42  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Naphthalene                 | ND     |           | 21  | 8.4 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Nitrobenzene                | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Pentachlorophenol           | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Phenanthrene                | 21     |           | 21  | 5.1 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Phenol                      | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Pyrene                      | 50     |           | 21  | 4.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:29 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.   | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|-----------|----------------|----------------|---------|
| Unknown                         | 1100        | T J       | ug/Kg | ✱ | 3.89  | N/A       | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| n-Hexadecanoic acid             | 1200        | T J N     | ug/Kg | ✱ | 10.52 | 57-10-3   | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 9-Octadecenoic acid, (E)-       | 780         | T J N     | ug/Kg | ✱ | 11.22 | 112-79-8  | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 5-Octadecene, (E)-              | 1600        | T J N     | ug/Kg | ✱ | 12.45 | 7206-21-5 | 08/28/23 16:25 | 08/29/23 17:29 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-2 (0.75-1)

Lab Sample ID: 410-140000-4

Date Collected: 08/22/23 09:25

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 78.9

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound         | Est. Result | Qualifier | Unit  | D | RT    | CAS No.      | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------------|-------------|-----------|-------|---|-------|--------------|----------------|----------------|---------|
| Docosanoic acid                         | 720         | T J N     | ug/Kg | ⊛ | 12.69 | 112-85-6     | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Trifluoroacetic acid, n-octadecyl ester | 2400        | T J N     | ug/Kg | ⊛ | 13.13 | 1000216-79-4 | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Heneicosanoic acid                      | 1600        | T J N     | ug/Kg | ⊛ | 13.36 | 2363-71-5    | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Unknown                                 | 680         | T J       | ug/Kg | ⊛ | 13.69 | N/A          | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 1-Heneicosyl formate                    | 2100        | T J N     | ug/Kg | ⊛ | 13.80 | 77899-03-7   | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Unknown                                 | 580         | T J       | ug/Kg | ⊛ | 14.02 | N/A          | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 1,30-Triacontanediol                    | 740         | T J N     | ug/Kg | ⊛ | 14.26 | 36645-68-8   | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Unknown                                 | 440         | T J       | ug/Kg | ⊛ | 14.30 | N/A          | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Heptacosane                             | 590         | T J N     | ug/Kg | ⊛ | 14.45 | 593-49-7     | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Cyclooctacosane                         | 550         | T J N     | ug/Kg | ⊛ | 14.48 | 297-24-5     | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| .beta.-Sitosterol                       | 940         | T J N     | ug/Kg | ⊛ | 15.53 | 83-46-5      | 08/28/23 16:25 | 08/29/23 17:29 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 77        |           | 10 - 138 | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2-Fluorobiphenyl (Surr)     | 72        |           | 37 - 120 | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| 2-Fluorophenol (Surr)       | 67        |           | 22 - 120 | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Nitrobenzene-d5 (Surr)      | 71        |           | 26 - 120 | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| p-Terphenyl-d14 (Surr)      | 87        |           | 40 - 133 | 08/28/23 16:25 | 08/29/23 17:29 | 1       |
| Phenol-d5 (Surr)            | 69        |           | 27 - 120 | 08/28/23 16:25 | 08/29/23 17:29 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 27     |           | 6.0 | 2.4 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/24/23 07:21 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 32000  |           | 120  | 59    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:03 | 10      |
| Antimony  | 0.097  | J         | 0.24 | 0.096 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Arsenic   | 3.4    |           | 0.48 | 0.16  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Barium    | 190    |           | 0.48 | 0.22  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Beryllium | 1.2    |           | 0.12 | 0.028 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Cadmium   | 0.17   |           | 0.12 | 0.048 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Calcium   | 3000   |           | 48   | 23    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Chromium  | 42     |           | 0.48 | 0.23  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Cobalt    | 16     |           | 0.24 | 0.096 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Copper    | 19     |           | 0.48 | 0.22  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Iron      | 34000  |           | 120  | 55    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:03 | 10      |
| Lead      | 21     |           | 0.24 | 0.091 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Magnesium | 8700   |           | 12   | 5.9   | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Manganese | 710    |           | 0.48 | 0.24  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Nickel    | 26     |           | 0.48 | 0.23  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Potassium | 5500   |           | 48   | 19    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Selenium  | 0.34   | J         | 0.48 | 0.12  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Silver    | 0.055  | J         | 0.12 | 0.049 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Sodium    | 180    |           | 60   | 29    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Thallium  | 0.34   |           | 0.12 | 0.047 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |
| Zinc      | 130    |           | 36   | 4.8   | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 10:11 | 2       |
| Vanadium  | 65     |           | 0.96 | 0.24  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 00:01 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-2 (0.75-1)

Lab Sample ID: 410-140000-4

Date Collected: 08/22/23 09:25

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 78.9

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.039  | J         | 0.071 | 0.024 | mg/Kg | ☼ | 08/23/23 22:39 | 08/24/23 11:23 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 21.1   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-1 (0-0.25)

Lab Sample ID: 410-140000-5

Date Collected: 08/22/23 10:10

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 69.6

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     | cn        | 7.0 | 0.84 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| 1,1,2-Trichloroethane    | ND     | cn        | 7.0 | 0.70 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| 1,1-Dichloroethene       | ND     | cn        | 7.0 | 0.70 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| 1,2,4-Trichlorobenzene   | ND     | cn        | 14  | 7.0  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| 1,2-Dichlorobenzene      | ND     | cn        | 7.0 | 0.98 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| 1,2-Dichloroethane       | ND     | cn        | 7.0 | 0.84 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| 1,2-Dichloropropane      | ND     | cn        | 7.0 | 0.70 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| 1,4-Dichlorobenzene      | ND     | cn        | 7.0 | 0.98 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Benzene                  | ND     | cn        | 7.0 | 0.70 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Bromodichloromethane     | ND     | cn        | 7.0 | 0.98 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Bromoform                | ND     | cn        | 14  | 7.0  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Carbon tetrachloride     | ND     | cn        | 7.0 | 0.98 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Chlorobenzene            | ND     | cn        | 7.0 | 0.98 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Chloroform               | ND     | cn        | 7.0 | 0.84 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| cis-1,2-Dichloroethene   | ND     | cn        | 7.0 | 0.70 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Dibromochloromethane     | ND     | cn        | 7.0 | 0.70 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Ethylbenzene             | ND     | cn        | 7.0 | 0.98 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| m&p-Xylene               | ND     | cn        | 7.0 | 2.8  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Methylene Chloride       | ND     | cn        | 7.0 | 2.8  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| o-Xylene                 | ND     | cn        | 7.0 | 0.98 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Styrene                  | ND     | cn        | 7.0 | 0.98 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Tetrachloroethene        | ND     | cn        | 7.0 | 0.98 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Toluene                  | ND     | cn        | 7.0 | 0.84 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| trans-1,2-Dichloroethene | ND     | cn        | 7.0 | 0.70 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Trichloroethene          | ND     | cn        | 7.0 | 0.70 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Vinyl chloride           | ND     | cn        | 7.0 | 0.84 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 13:58 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Unknown                         | 12          | T J cn    | ug/Kg | ☼ | 2.10  | N/A      | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Acetone                         | 14          | T J N cn  | ug/Kg | ☼ | 3.16  | 67-64-1  | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Pentanal                        | 15          | T J N cn  | ug/Kg | ☼ | 8.09  | 110-62-3 | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Hexanal                         | 59          | T J N cn  | ug/Kg | ☼ | 10.22 | 66-25-1  | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Furfural                        | 7.9         | T J N cn  | ug/Kg | ☼ | 11.07 | 98-01-1  | 08/25/23 15:20 | 08/29/23 13:58 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 95        | cn        | 50 - 131 | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 110       | cn        | 54 - 135 | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Dibromofluoromethane (Surr)  | 106       | cn        | 50 - 141 | 08/25/23 15:20 | 08/29/23 13:58 | 1       |
| Toluene-d8 (Surr)            | 96        | cn        | 52 - 141 | 08/25/23 15:20 | 08/29/23 13:58 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-1 (0-0.25)

Lab Sample ID: 410-140000-5

Date Collected: 08/22/23 10:10

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 69.6

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 62   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 62   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1400 | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 240  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2-Chloronaphthalene          | ND     |           | 48   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2-Chlorophenol               | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2-Methylnaphthalene          | ND     |           | 24   | 7.2 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2-Methylphenol               | ND     |           | 72   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2-Nitroaniline               | ND     |           | 72   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2-Nitrophenol                | ND     |           | 72   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 240  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 3-Nitroaniline               | ND     |           | 240  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 720  | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 72   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 4-Chloroaniline              | ND     |           | 240  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 4-Methylphenol               | ND     |           | 72   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 4-Nitroaniline               | ND     |           | 240  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 4-Nitrophenol                | ND     |           | 720  | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Acenaphthene                 | ND     |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Acenaphthylene               | 7.7 J  |           | 24   | 5.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Acetophenone                 | ND     |           | 72   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Anthracene                   | ND     |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Atrazine                     | ND     |           | 240  | 96  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Benzaldehyde                 | 71 J   |           | 240  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Benzo[a]anthracene           | 15 J   |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Benzo[a]pyrene               | 20 J   |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Benzo[b]fluoranthene         | 25     |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Benzo[g,h,i]perylene         | 17 J   |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Benzo[k]fluoranthene         | 8.2 J  |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Butyl benzyl phthalate       | ND     |           | 240  | 96  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Caprolactam                  | ND     |           | 240  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Carbazole                    | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Chrysene                     | 22 J   |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Di-n-butyl phthalate         | ND     |           | 240  | 96  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Di-n-octyl phthalate         | ND     |           | 240  | 96  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Dibenz(a,h)anthracene        | ND     |           | 24   | 9.6 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Dibenzofuran                 | ND     |           | 53   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Diethyl phthalate            | ND     |           | 240  | 96  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Dimethyl phthalate           | ND     |           | 240  | 96  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Fluoranthene                 | 33     |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Fluorene                     | ND     |           | 24   | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Hexachlorobenzene            | ND     |           | 24   | 9.6 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-1 (0-0.25)

Lab Sample ID: 410-140000-5

Date Collected: 08/22/23 10:10

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 69.6

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Hexachlorobutadiene         | ND     |           | 72  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 720 | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Hexachloroethane            | ND     |           | 240 | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Indeno[1,2,3-cd]pyrene      | 14     | J         | 24  | 5.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Isophorone                  | ND     |           | 96  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 96  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 53  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Naphthalene                 | ND     |           | 24  | 9.6 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Nitrobenzene                | ND     |           | 53  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Pentachlorophenol           | ND     |           | 240 | 96  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Phenanthrene                | 17     | J         | 24  | 5.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Phenol                      | ND     |           | 53  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Pyrene                      | 29     |           | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 53  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 53  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 240 | 96  | ug/Kg | ✱ | 08/28/23 16:25 | 08/29/23 17:53 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                            | 2900        | T J       | ug/Kg | ✱ | 3.89  | N/A        | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Hexadecenoic acid, Z-11-           | 1000        | T J N     | ug/Kg | ✱ | 10.49 | 2416-20-8  | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| n-Hexadecanoic acid                | 1900        | T J N     | ug/Kg | ✱ | 10.53 | 57-10-3    | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 9-Octadecenoic acid, (E)-          | 970         | T J N     | ug/Kg | ✱ | 11.22 | 112-79-8   | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Phosphonic acid, dioctadecyl ester | 980         | T J N     | ug/Kg | ✱ | 12.45 | 19047-85-9 | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Docosanoic acid                    | 960         | T J N     | ug/Kg | ✱ | 12.69 | 112-85-6   | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 1-Heneicosyl formate               | 1900        | T J N     | ug/Kg | ✱ | 13.13 | 77899-03-7 | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Unknown                            | 2000        | T J       | ug/Kg | ✱ | 13.36 | N/A        | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Unknown                            | 6500        | T J       | ug/Kg | ✱ | 13.80 | N/A        | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Unknown                            | 1000        | T J       | ug/Kg | ✱ | 14.02 | N/A        | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Oxirane, heptadecyl-               | 2000        | T J N     | ug/Kg | ✱ | 14.26 | 67860-04-2 | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Eicosane                           | 1900        | T J N     | ug/Kg | ✱ | 14.46 | 112-95-8   | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Cyclohexadecane                    | 1900        | T J N     | ug/Kg | ✱ | 14.48 | 295-65-8   | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 17-Pentatriacontene                | 1800        | T J N     | ug/Kg | ✱ | 15.32 | 6971-40-0  | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| .gamma.-Sitosterol                 | 2200        | T J N     | ug/Kg | ✱ | 15.53 | 83-47-6    | 08/28/23 16:25 | 08/29/23 17:53 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 74        |           | 10 - 138 | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2-Fluorobiphenyl (Surr)     | 72        |           | 37 - 120 | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| 2-Fluorophenol (Surr)       | 65        |           | 22 - 120 | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Nitrobenzene-d5 (Surr)      | 70        |           | 26 - 120 | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| p-Terphenyl-d14 (Surr)      | 84        |           | 40 - 133 | 08/28/23 16:25 | 08/29/23 17:53 | 1       |
| Phenol-d5 (Surr)            | 67        |           | 27 - 120 | 08/28/23 16:25 | 08/29/23 17:53 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 22     |           | 7.0 | 2.8 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:58 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Aluminum | 33000  | ^2        | 140  | 69   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:23 | 10      |
| Antimony | 0.14   | J         | 0.28 | 0.11 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-1 (0-0.25)

Lab Sample ID: 410-140000-5

Date Collected: 08/22/23 10:10

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 69.6

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 3.1    |           | 0.56 | 0.19  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Barium    | 190    |           | 0.56 | 0.26  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Beryllium | 1.1    |           | 0.14 | 0.033 | mg/Kg | ✱ | 08/23/23 20:29 | 08/29/23 11:48 | 2       |
| Cadmium   | 0.27   |           | 0.14 | 0.056 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Calcium   | 12000  |           | 56   | 27    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Chromium  | 38     |           | 0.56 | 0.26  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Cobalt    | 12     |           | 0.28 | 0.11  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Copper    | 16     |           | 0.56 | 0.25  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Iron      | 31000  | ^2        | 140  | 64    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:23 | 10      |
| Lead      | 17     |           | 0.28 | 0.11  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Magnesium | 6500   |           | 14   | 6.8   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Manganese | 890    | ^2        | 0.56 | 0.28  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Nickel    | 22     |           | 0.56 | 0.26  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Potassium | 4000   |           | 56   | 22    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Selenium  | 0.37   | J         | 0.56 | 0.14  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Silver    | 0.069  | J         | 0.14 | 0.057 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Sodium    | 140    |           | 70   | 33    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Thallium  | 0.29   |           | 0.14 | 0.055 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Zinc      | 82     |           | 42   | 5.6   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |
| Vanadium  | 57     |           | 1.1  | 0.28  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 09:21 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.062  | J         | 0.083 | 0.028 | mg/Kg | ✱ | 08/23/23 22:39 | 08/24/23 11:25 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 30.4   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-1 (0.75-1)

Lab Sample ID: 410-140000-6

Date Collected: 08/22/23 10:20

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 78.1

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     | cn        | 6.2 | 0.75 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| 1,1,2-Trichloroethane  | ND     | cn        | 6.2 | 0.62 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| 1,1-Dichloroethene     | ND     | cn        | 6.2 | 0.62 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| 1,2,4-Trichlorobenzene | ND     | cn        | 12  | 6.2  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| 1,2-Dichlorobenzene    | ND     | cn        | 6.2 | 0.87 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| 1,2-Dichloroethane     | ND     | cn        | 6.2 | 0.75 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| 1,2-Dichloropropane    | ND     | cn        | 6.2 | 0.62 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| 1,4-Dichlorobenzene    | ND     | cn        | 6.2 | 0.87 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Benzene                | ND     | cn        | 6.2 | 0.62 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Bromodichloromethane   | ND     | cn        | 6.2 | 0.87 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Bromoform              | ND     | cn        | 12  | 6.2  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Carbon tetrachloride   | ND     | cn        | 6.2 | 0.87 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Chlorobenzene          | ND     | cn        | 6.2 | 0.87 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Chloroform             | ND     | cn        | 6.2 | 0.75 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| cis-1,2-Dichloroethene | ND     | cn        | 6.2 | 0.62 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-1 (0.75-1)

Lab Sample ID: 410-140000-6

Date Collected: 08/22/23 10:20

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 78.1

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Dibromochloromethane     | ND     | cn        | 6.2 | 0.62 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Ethylbenzene             | ND     | cn        | 6.2 | 0.87 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| m&p-Xylene               | ND     | cn        | 6.2 | 2.5  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Methylene Chloride       | ND     | cn        | 6.2 | 2.5  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| o-Xylene                 | ND     | cn        | 6.2 | 0.87 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Styrene                  | ND     | cn        | 6.2 | 0.87 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Tetrachloroethene        | ND     | cn        | 6.2 | 0.87 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Toluene                  | ND     | cn        | 6.2 | 0.75 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| trans-1,2-Dichloroethene | ND     | cn        | 6.2 | 0.62 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Trichloroethene          | ND     | cn        | 6.2 | 0.62 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Vinyl chloride           | ND     | cn        | 6.2 | 0.75 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:22 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Hexanal                         | 33          | T J N cn  | ug/Kg | ✱ | 10.23 | 66-25-1 | 08/25/23 15:20 | 08/29/23 14:22 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 94        | cn        | 50 - 131 | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 109       | cn        | 54 - 135 | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Dibromofluoromethane (Surr)  | 105       | cn        | 50 - 141 | 08/25/23 15:20 | 08/29/23 14:22 | 1       |
| Toluene-d8 (Surr)            | 95        | cn        | 52 - 141 | 08/25/23 15:20 | 08/29/23 14:22 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 55   | 26  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 55   | 26  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1300 | 210 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2-Chloronaphthalene          | ND     |           | 43   | 17  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2-Chlorophenol               | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2-Methylnaphthalene          | ND     |           | 21   | 6.4 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2-Methylphenol               | ND     |           | 64   | 26  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2-Nitroaniline               | ND     |           | 64   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2-Nitrophenol                | ND     |           | 64   | 26  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 3-Nitroaniline               | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 640  | 210 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 64   | 26  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 4-Chloroaniline              | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 4-Methylphenol               | ND     |           | 64   | 21  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 4-Nitroaniline               | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 4-Nitrophenol                | ND     |           | 640  | 210 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Acenaphthene                 | ND     |           | 21   | 4.3 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Acenaphthylene               | ND     |           | 21   | 5.1 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-1 (0.75-1)

Lab Sample ID: 410-140000-6

Date Collected: 08/22/23 10:20

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 78.1

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Acetophenone                | ND     |           | 64  | 21  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Anthracene                  | ND     |           | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Atrazine                    | ND     |           | 210 | 85  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Benzaldehyde                | 60     | J         | 210 | 43  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Benzo[a]anthracene          | 6.3    | J         | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Benzo[a]pyrene              | ND     |           | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Benzo[b]fluoranthene        | 11     | J         | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Butyl benzyl phthalate      | ND     |           | 210 | 85  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Caprolactam                 | ND     |           | 210 | 43  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Carbazole                   | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Chrysene                    | 10     | J         | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Di-n-butyl phthalate        | ND     |           | 210 | 85  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Di-n-octyl phthalate        | ND     |           | 210 | 85  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 21  | 8.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Dibenzofuran                | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Diethyl phthalate           | ND     |           | 210 | 85  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Dimethyl phthalate          | ND     |           | 210 | 85  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Fluoranthene                | 12     | J         | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Fluorene                    | ND     |           | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Hexachlorobenzene           | ND     |           | 21  | 8.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Hexachlorobutadiene         | ND     |           | 64  | 26  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 640 | 210 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Hexachloroethane            | ND     |           | 210 | 43  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 21  | 5.1 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Isophorone                  | ND     |           | 85  | 21  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 85  | 43  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Naphthalene                 | ND     |           | 21  | 8.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Nitrobenzene                | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Pentachlorophenol           | ND     |           | 210 | 85  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Phenanthrene                | ND     |           | 21  | 5.1 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Phenol                      | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Pyrene                      | 9.8    | J         | 21  | 4.3 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 210 | 85  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:27 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.   | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|-----------|----------------|----------------|---------|
| Unknown                            | 2600        | T J       | ug/Kg | ☼ | 3.16  | N/A       | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Unknown                            | 5900        | T J B     | ug/Kg | ☼ | 3.82  | N/A       | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Unknown                            | 510         | T J       | ug/Kg | ☼ | 5.38  | N/A       | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Unknown                            | 720         | T J       | ug/Kg | ☼ | 6.06  | N/A       | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Benzaldehyde, 3-hydroxy-4-methoxy- | 510         | T J N     | ug/Kg | ☼ | 7.90  | 621-59-0  | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Unknown                            | 590         | T J       | ug/Kg | ☼ | 9.56  | N/A       | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 9-Hexadecenoic acid                | 690         | T J N     | ug/Kg | ☼ | 10.42 | 2091-29-4 | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| n-Hexadecanoic acid                | 1400        | T J N     | ug/Kg | ☼ | 10.46 | 57-10-3   | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 1-Octadecene                       | 1700        | T J N     | ug/Kg | ☼ | 13.07 | 112-88-9  | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Heneicosanoic acid                 | 600         | T J N     | ug/Kg | ☼ | 13.29 | 2363-71-5 | 08/28/23 16:25 | 08/30/23 14:27 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-1 (0.75-1)

Lab Sample ID: 410-140000-6

Date Collected: 08/22/23 10:20

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 78.1

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|----------|---|-------|------------|----------------|----------------|---------|
| 17-Pentatriacontene             | 2700        | T J N     | ug/Kg    | ⊛ | 13.73 | 6971-40-0  | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Docosane                        | 620         | T J N     | ug/Kg    | ⊛ | 14.37 | 629-97-0   | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 9-Tricosene, (Z)-               | 520         | T J N     | ug/Kg    | ⊛ | 14.40 | 27519-02-4 | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 1-Hexacosanol                   | 560         | T J N     | ug/Kg    | ⊛ | 15.22 | 506-52-5   | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| .gamma.-Sitosterol              | 820         | T J N     | ug/Kg    | ⊛ | 15.42 | 83-47-6    | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Surrogate                       | %Recovery   | Qualifier | Limits   |   |       |            | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)     | 69          |           | 10 - 138 |   |       |            | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2-Fluorobiphenyl (Surr)         | 65          |           | 37 - 120 |   |       |            | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| 2-Fluorophenol (Surr)           | 62          |           | 22 - 120 |   |       |            | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Nitrobenzene-d5 (Surr)          | 65          |           | 26 - 120 |   |       |            | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| p-Terphenyl-d14 (Surr)          | 81          |           | 40 - 133 |   |       |            | 08/28/23 16:25 | 08/30/23 14:27 | 1       |
| Phenol-d5 (Surr)                | 65          |           | 27 - 120 |   |       |            | 08/28/23 16:25 | 08/30/23 14:27 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 23     |           | 5.9 | 2.4 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:43 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 38000  | ^2        | 120  | 59    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:27 | 10      |
| Antimony  | ND     |           | 0.24 | 0.095 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Arsenic   | 4.4    |           | 0.47 | 0.16  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Barium    | 310    |           | 2.4  | 1.1   | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:27 | 10      |
| Beryllium | 1.3    |           | 0.12 | 0.028 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/29/23 11:50 | 2       |
| Cadmium   | 0.38   |           | 0.12 | 0.047 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Calcium   | 5900   |           | 47   | 23    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Chromium  | 49     |           | 0.47 | 0.23  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Cobalt    | 27     |           | 0.24 | 0.095 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Copper    | 26     |           | 0.47 | 0.21  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Iron      | 41000  | ^2        | 120  | 55    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:27 | 10      |
| Lead      | 16     |           | 0.24 | 0.090 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Magnesium | 7900   |           | 12   | 5.8   | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Manganese | 1800   | ^2        | 2.4  | 1.2   | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:27 | 10      |
| Nickel    | 35     |           | 0.47 | 0.23  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Potassium | 5500   |           | 47   | 19    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Selenium  | 0.38   | J         | 0.47 | 0.12  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Silver    | 0.10   | J         | 0.12 | 0.048 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Sodium    | 150    |           | 59   | 28    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Thallium  | 0.37   |           | 0.12 | 0.046 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Zinc      | 79     |           | 36   | 4.7   | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |
| Vanadium  | 77     |           | 0.95 | 0.24  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 09:25 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.039  | J         | 0.072 | 0.024 | mg/Kg | ⊛ | 08/23/23 22:39 | 08/24/23 11:27 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 21.9   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-7 (0-0.25)

Lab Sample ID: 410-140000-7

Date Collected: 08/22/23 10:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 69.7

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 7.0 | 0.83 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 7.0 | 0.70 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| 1,1-Dichloroethene       | ND     |           | 7.0 | 0.70 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 14  | 7.0  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 7.0 | 0.97 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| 1,2-Dichloroethane       | ND     |           | 7.0 | 0.83 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| 1,2-Dichloropropane      | ND     |           | 7.0 | 0.70 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 7.0 | 0.97 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Benzene                  | ND     |           | 7.0 | 0.70 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Bromodichloromethane     | ND     |           | 7.0 | 0.97 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Bromoform                | ND     |           | 14  | 7.0  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Carbon tetrachloride     | ND     |           | 7.0 | 0.97 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Chlorobenzene            | ND     |           | 7.0 | 0.97 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Chloroform               | ND     |           | 7.0 | 0.83 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 7.0 | 0.70 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Dibromochloromethane     | ND     |           | 7.0 | 0.70 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Ethylbenzene             | ND     |           | 7.0 | 0.97 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| m&p-Xylene               | ND     |           | 7.0 | 2.8  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Methylene Chloride       | ND     |           | 7.0 | 2.8  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| o-Xylene                 | ND     |           | 7.0 | 0.97 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Styrene                  | ND     |           | 7.0 | 0.97 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Tetrachloroethene        | ND     |           | 7.0 | 0.97 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Toluene                  | ND     |           | 7.0 | 0.83 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 7.0 | 0.70 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Trichloroethene          | ND     |           | 7.0 | 0.70 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Vinyl chloride           | ND     |           | 7.0 | 0.83 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 14:46 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Unknown                         | 9.0         | T J       | ug/Kg | ✱ | 3.16  | N/A      | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Butanal                         | 8.6         | T J N     | ug/Kg | ✱ | 5.32  | 123-72-8 | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Pentanal                        | 24          | T J N     | ug/Kg | ✱ | 8.08  | 110-62-3 | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Hexanal                         | 110         | T J N     | ug/Kg | ✱ | 10.22 | 66-25-1  | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Heptanal                        | 7.4         | T J N     | ug/Kg | ✱ | 11.60 | 111-71-7 | 08/25/23 15:20 | 08/29/23 14:46 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 95        |           | 50 - 131 | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 111       |           | 54 - 135 | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Dibromofluoromethane (Surr)  | 108       |           | 50 - 141 | 08/25/23 15:20 | 08/29/23 14:46 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 52 - 141 | 08/25/23 15:20 | 08/29/23 14:46 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 62   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 62   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 52   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1400 | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 240  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-7 (0-0.25)

Lab Sample ID: 410-140000-7

Date Collected: 08/22/23 10:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 69.7

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2,6-Dinitrotoluene          | ND     |           | 52  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2-Chloronaphthalene         | ND     |           | 48  | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2-Chlorophenol              | ND     |           | 52  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2-Methylnaphthalene         | ND     |           | 24  | 7.1 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2-Methylphenol              | ND     |           | 71  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2-Nitroaniline              | ND     |           | 71  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2-Nitrophenol               | ND     |           | 71  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 240 | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 3-Nitroaniline              | ND     |           | 240 | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 710 | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 52  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 71  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 4-Chloroaniline             | ND     |           | 240 | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 52  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 4-Methylphenol              | ND     |           | 71  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 4-Nitroaniline              | ND     |           | 240 | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 4-Nitrophenol               | ND     |           | 710 | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Acenaphthene                | ND     |           | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Acenaphthylene              | ND     |           | 24  | 5.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Acetophenone                | ND     |           | 71  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Anthracene                  | ND     |           | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Atrazine                    | ND     |           | 240 | 95  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Benzaldehyde                | ND     |           | 240 | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Benzo[a]anthracene          | 5.4    | J         | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Benzo[a]pyrene              | 6.9    | J         | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Benzo[b]fluoranthene        | 10     | J         | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Benzo[g,h,i]perylene        | 8.1    | J         | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Butyl benzyl phthalate      | ND     |           | 240 | 95  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Caprolactam                 | ND     |           | 240 | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Carbazole                   | ND     |           | 52  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Chrysene                    | 11     | J         | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Di-n-butyl phthalate        | ND     |           | 240 | 95  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Di-n-octyl phthalate        | ND     |           | 240 | 95  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 24  | 9.5 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Dibenzofuran                | ND     |           | 52  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Diethyl phthalate           | ND     |           | 240 | 95  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Dimethyl phthalate          | ND     |           | 240 | 95  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Fluoranthene                | 12     | J         | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Fluorene                    | ND     |           | 24  | 4.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Hexachlorobenzene           | ND     |           | 24  | 9.5 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Hexachlorobutadiene         | ND     |           | 71  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 710 | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Hexachloroethane            | ND     |           | 240 | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 24  | 5.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Isophorone                  | ND     |           | 95  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 95  | 48  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 52  | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Naphthalene                 | 11     | J         | 24  | 9.5 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |

Eurolins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-7 (0-0.25)

Lab Sample ID: 410-140000-7

Date Collected: 08/22/23 10:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 69.7

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Nitrobenzene                | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Pentachlorophenol           | ND     |           | 240 | 95  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Phenanthrene                | 8.2    | J         | 24  | 5.7 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Phenol                      | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Pyrene                      | 13     | J         | 24  | 4.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 52  | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 240 | 95  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 14:52 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                            | 1200        | T J B     | ug/Kg | ☼ | 3.81  | N/A        | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Unknown                            | 490         | T J       | ug/Kg | ☼ | 4.02  | N/A        | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| n-Hexadecanoic acid                | 950         | T J N     | ug/Kg | ☼ | 10.46 | 57-10-3    | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Cyclopentadecanone, 2-hydroxy-     | 500         | T J N     | ug/Kg | ☼ | 11.15 | 4727-18-8  | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Phosphonic acid, dioctadecyl ester | 600         | T J N     | ug/Kg | ☼ | 12.39 | 19047-85-9 | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Docosanoic acid                    | 670         | T J N     | ug/Kg | ☼ | 12.62 | 112-85-6   | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Ethanol, 2-(tetradecyloxy)-        | 1500        | T J N     | ug/Kg | ☼ | 13.07 | 2136-70-1  | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Heneicosanoic acid                 | 830         | T J N     | ug/Kg | ☼ | 13.29 | 2363-71-5  | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Unknown                            | 2300        | T J       | ug/Kg | ☼ | 13.73 | N/A        | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Octadecanal                        | 780         | T J N     | ug/Kg | ☼ | 14.19 | 638-66-4   | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Eicosane                           | 960         | T J N     | ug/Kg | ☼ | 14.38 | 112-95-8   | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 1-Dotriacontanol                   | 1100        | T J N     | ug/Kg | ☼ | 14.40 | 6624-79-9  | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2-Tetatriacontanone                | 560         | T J N     | ug/Kg | ☼ | 14.46 | 77327-16-3 | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Unknown                            | 500         | T J       | ug/Kg | ☼ | 14.92 | N/A        | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| .gamma.-Sitosterol                 | 1100        | T J N     | ug/Kg | ☼ | 15.42 | 83-47-6    | 08/28/23 16:25 | 08/30/23 14:52 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 72        |           | 10 - 138 | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2-Fluorobiphenyl (Surr)     | 67        |           | 37 - 120 | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| 2-Fluorophenol (Surr)       | 64        |           | 22 - 120 | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 26 - 120 | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| p-Terphenyl-d14 (Surr)      | 79        |           | 40 - 133 | 08/28/23 16:25 | 08/30/23 14:52 | 1       |
| Phenol-d5 (Surr)            | 67        |           | 27 - 120 | 08/28/23 16:25 | 08/30/23 14:52 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 26     |           | 6.9 | 2.8 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:39 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 29000  | ^2        | 140  | 68    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:41 | 10      |
| Antimony  | 0.13   | J         | 0.28 | 0.11  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Arsenic   | 4.5    |           | 0.55 | 0.18  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Barium    | 220    |           | 0.55 | 0.25  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Beryllium | 1.1    |           | 0.14 | 0.033 | mg/Kg | ☼ | 08/23/23 20:29 | 08/29/23 11:42 | 2       |
| Cadmium   | 0.14   |           | 0.14 | 0.055 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Calcium   | 2800   |           | 55   | 27    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Chromium  | 44     |           | 0.55 | 0.26  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Cobalt    | 23     |           | 0.28 | 0.11  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Copper    | 24     |           | 0.55 | 0.25  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-7 (0-0.25)

Lab Sample ID: 410-140000-7

Date Collected: 08/22/23 10:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 69.7

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Iron      | 34000  | ^2        | 140  | 64    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:41 | 10      |
| Lead      | 25     |           | 0.28 | 0.10  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Magnesium | 8600   |           | 14   | 6.8   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Manganese | 990    |           | 0.55 | 0.28  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Nickel    | 28     |           | 0.55 | 0.26  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Potassium | 5500   |           | 55   | 22    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Selenium  | 0.32   | J         | 0.55 | 0.14  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Silver    | 0.058  | J         | 0.14 | 0.056 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Sodium    | 180    |           | 69   | 33    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Thallium  | 0.34   |           | 0.14 | 0.054 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Zinc      | 95     |           | 41   | 5.5   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |
| Vanadium  | 74     |           | 1.1  | 0.28  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:39 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.040  | J         | 0.085 | 0.028 | mg/Kg | ✱ | 08/23/23 22:39 | 08/24/23 11:29 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 30.3   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-7 (0.75-1)

Lab Sample ID: 410-140000-8

Date Collected: 08/22/23 10:55

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 73.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     | cn        | 6.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| 1,1,2-Trichloroethane  | ND     | cn        | 6.8 | 0.68 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| 1,1-Dichloroethene     | ND     | cn        | 6.8 | 0.68 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| 1,2,4-Trichlorobenzene | ND     | cn        | 14  | 6.8  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| 1,2-Dichlorobenzene    | ND     | cn        | 6.8 | 0.95 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| 1,2-Dichloroethane     | ND     | cn        | 6.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| 1,2-Dichloropropane    | ND     | cn        | 6.8 | 0.68 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| 1,4-Dichlorobenzene    | ND     | cn        | 6.8 | 0.95 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Benzene                | ND     | cn        | 6.8 | 0.68 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Bromodichloromethane   | ND     | cn        | 6.8 | 0.95 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Bromoform              | ND     | cn        | 14  | 6.8  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Carbon tetrachloride   | ND     | cn        | 6.8 | 0.95 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Chlorobenzene          | ND     | cn        | 6.8 | 0.95 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Chloroform             | ND     | cn        | 6.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| cis-1,2-Dichloroethene | ND     | cn        | 6.8 | 0.68 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Dibromochloromethane   | ND     | cn        | 6.8 | 0.68 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Ethylbenzene           | ND     | cn        | 6.8 | 0.95 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| m&p-Xylene             | ND     | cn        | 6.8 | 2.7  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Methylene Chloride     | ND     | cn        | 6.8 | 2.7  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| o-Xylene               | ND     | cn        | 6.8 | 0.95 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Styrene                | ND     | cn        | 6.8 | 0.95 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Tetrachloroethene      | ND     | cn        | 6.8 | 0.95 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Toluene                | ND     | cn        | 6.8 | 0.81 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-7 (0.75-1)

Lab Sample ID: 410-140000-8

Date Collected: 08/22/23 10:55

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 73.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| trans-1,2-Dichloroethene | ND     | cn        | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Trichloroethene          | ND     | cn        | 6.8 | 0.68 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Vinyl chloride           | ND     | cn        | 6.8 | 0.81 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:09 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Hexanal                         | 51          | T J N cn  | ug/Kg | ☼ | 10.22 | 66-25-1 | 08/25/23 15:20 | 08/29/23 15:09 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 94        | cn        | 50 - 131 | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 109       | cn        | 54 - 135 | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Dibromofluoromethane (Surr)  | 108       | cn        | 50 - 141 | 08/25/23 15:20 | 08/29/23 15:09 | 1       |
| Toluene-d8 (Surr)            | 94        | cn        | 52 - 141 | 08/25/23 15:20 | 08/29/23 15:09 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 59   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 59   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1400 | 230 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 230  | 46  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2-Chloronaphthalene          | ND     |           | 46   | 18  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2-Chlorophenol               | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2-Methylnaphthalene          | ND     |           | 23   | 6.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2-Methylphenol               | ND     |           | 68   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2-Nitroaniline               | ND     |           | 68   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2-Nitrophenol                | ND     |           | 68   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 230  | 46  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 3-Nitroaniline               | ND     |           | 230  | 46  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 680  | 230 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 68   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 4-Chloroaniline              | ND     |           | 230  | 46  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 4-Methylphenol               | ND     |           | 68   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 4-Nitroaniline               | ND     |           | 230  | 46  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 4-Nitrophenol                | ND     |           | 680  | 230 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Acenaphthene                 | ND     |           | 23   | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Acenaphthylene               | ND     |           | 23   | 5.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Acetophenone                 | ND     |           | 68   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Anthracene                   | ND     |           | 23   | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Atrazine                     | ND     |           | 230  | 91  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Benzaldehyde                 | ND     |           | 230  | 46  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Benzo[a]anthracene           | ND     |           | 23   | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Benzo[a]pyrene               | ND     |           | 23   | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Benzo[b]fluoranthene         | ND     |           | 23   | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Benzo[g,h,i]perylene         | ND     |           | 23   | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-7 (0.75-1)

Lab Sample ID: 410-140000-8

Date Collected: 08/22/23 10:55

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 73.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Benzo[k]fluoranthene        | ND     |           | 23  | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Butyl benzyl phthalate      | ND     |           | 230 | 91  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Caprolactam                 | ND     |           | 230 | 46  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Carbazole                   | ND     |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Chrysene                    | 4.6    | J         | 23  | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Di-n-butyl phthalate        | ND     |           | 230 | 91  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Di-n-octyl phthalate        | ND     |           | 230 | 91  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 23  | 9.1 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Dibenzofuran                | ND     |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Diethyl phthalate           | ND     |           | 230 | 91  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Dimethyl phthalate          | ND     |           | 230 | 91  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Fluoranthene                | ND     |           | 23  | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Fluorene                    | ND     |           | 23  | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Hexachlorobenzene           | ND     |           | 23  | 9.1 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Hexachlorobutadiene         | ND     |           | 68  | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 680 | 230 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Hexachloroethane            | ND     |           | 230 | 46  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 23  | 5.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Isophorone                  | ND     |           | 91  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 91  | 46  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Naphthalene                 | ND     |           | 23  | 9.1 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Nitrobenzene                | ND     |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Pentachlorophenol           | ND     |           | 230 | 91  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Phenanthrene                | ND     |           | 23  | 5.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Phenol                      | ND     |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Pyrene                      | 6.7    | J         | 23  | 4.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 230 | 91  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:17 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Unknown                         | 2200        | T J       | ug/Kg | ☼ | 3.16  | N/A      | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 3-Penten-2-one, 4-methyl-       | 460         | T J N     | ug/Kg | ☼ | 3.31  | 141-79-7 | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Furfural                        | 1300        | T J N     | ug/Kg | ☼ | 3.71  | 98-01-1  | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Unknown                         | 11000       | T J B     | ug/Kg | ☼ | 3.82  | N/A      | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2-Furanmethanol                 | 650         | T J N     | ug/Kg | ☼ | 3.96  | 98-00-0  | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Unknown                         | 1100        | T J       | ug/Kg | ☼ | 4.02  | N/A      | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Unknown                         | 360         | T J       | ug/Kg | ☼ | 4.50  | N/A      | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Unknown                         | 390         | T J       | ug/Kg | ☼ | 5.38  | N/A      | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2-Furancarboxylic acid          | 600         | T J N     | ug/Kg | ☼ | 5.79  | 88-14-2  | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Unknown                         | 2400        | T J       | ug/Kg | ☼ | 5.93  | N/A      | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Unknown                         | 1200        | T J       | ug/Kg | ☼ | 6.08  | N/A      | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Unknown                         | 1500        | T J       | ug/Kg | ☼ | 6.88  | N/A      | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| n-Hexadecanoic acid             | 680         | T J N     | ug/Kg | ☼ | 10.46 | 57-10-3  | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 9-Octadecenoic acid, (E)-       | 410         | T J N     | ug/Kg | ☼ | 11.15 | 112-79-8 | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Unknown                         | 440         | T J       | ug/Kg | ☼ | 14.96 | N/A      | 08/28/23 16:25 | 08/30/23 15:17 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 66        |           | 10 - 138 | 08/28/23 16:25 | 08/30/23 15:17 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-7 (0.75-1)

Lab Sample ID: 410-140000-8

Date Collected: 08/22/23 10:55

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 73.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Surrogate               | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 65        |           | 37 - 120 | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| 2-Fluorophenol (Surr)   | 61        |           | 22 - 120 | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Nitrobenzene-d5 (Surr)  | 64        |           | 26 - 120 | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| p-Terphenyl-d14 (Surr)  | 73        |           | 40 - 133 | 08/28/23 16:25 | 08/30/23 15:17 | 1       |
| Phenol-d5 (Surr)        | 62        |           | 27 - 120 | 08/28/23 16:25 | 08/30/23 15:17 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 28     |           | 6.6 | 2.6 | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:23 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 44000  | ^2        | 130  | 65    | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:37 | 10      |
| Antimony  | ND     |           | 0.26 | 0.11  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Arsenic   | 4.5    |           | 0.53 | 0.18  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Barium    | 340    |           | 2.6  | 1.2   | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:37 | 10      |
| Beryllium | 1.4    |           | 0.13 | 0.031 | mg/Kg | ☆ | 08/23/23 20:29 | 08/29/23 11:34 | 2       |
| Cadmium   | ND     |           | 0.13 | 0.053 | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Calcium   | 3800   |           | 53   | 26    | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Chromium  | 60     |           | 0.53 | 0.25  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Cobalt    | 25     |           | 0.26 | 0.11  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Copper    | 37     |           | 0.53 | 0.24  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Iron      | 44000  | ^2        | 130  | 61    | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:37 | 10      |
| Lead      | 14     |           | 0.26 | 0.10  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Magnesium | 12000  |           | 13   | 6.5   | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Manganese | 540    |           | 0.53 | 0.26  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Nickel    | 38     |           | 0.53 | 0.25  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Potassium | 8500   |           | 53   | 21    | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Selenium  | 0.16   | J         | 0.53 | 0.13  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Silver    | 0.17   |           | 0.13 | 0.053 | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Sodium    | 320    |           | 66   | 32    | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Thallium  | 0.47   |           | 0.13 | 0.052 | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Zinc      | 110    |           | 40   | 5.3   | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |
| Vanadium  | 83     |           | 1.1  | 0.26  | mg/Kg | ☆ | 08/23/23 20:29 | 08/24/23 08:35 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.026  | J         | 0.077 | 0.026 | mg/Kg | ☆ | 08/23/23 22:39 | 08/24/23 11:31 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 27.0   |           | 1.0 | 1.0 | %    | — |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-8 (0-0.25)

Lab Sample ID: 410-140000-9

Date Collected: 08/22/23 11:10

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 56.6

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte               | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane | ND     |           | 9.0 | 1.1 | ug/Kg | ☆ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-8 (0-0.25)

Lab Sample ID: 410-140000-9

Date Collected: 08/22/23 11:10

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 56.6

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,2-Trichloroethane    | ND     |           | 9.0 | 0.90 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| 1,1-Dichloroethene       | ND     |           | 9.0 | 0.90 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 18  | 9.0  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 9.0 | 1.3  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| 1,2-Dichloroethane       | ND     |           | 9.0 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| 1,2-Dichloropropane      | ND     |           | 9.0 | 0.90 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 9.0 | 1.3  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Benzene                  | ND     |           | 9.0 | 0.90 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Bromodichloromethane     | ND     |           | 9.0 | 1.3  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Bromoform                | ND     |           | 18  | 9.0  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Carbon tetrachloride     | ND     |           | 9.0 | 1.3  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Chlorobenzene            | ND     |           | 9.0 | 1.3  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Chloroform               | ND     |           | 9.0 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 9.0 | 0.90 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Dibromochloromethane     | ND     |           | 9.0 | 0.90 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Ethylbenzene             | ND     |           | 9.0 | 1.3  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| m&p-Xylene               | ND     |           | 9.0 | 3.6  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Methylene Chloride       | ND     |           | 9.0 | 3.6  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| o-Xylene                 | ND     |           | 9.0 | 1.3  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Styrene                  | ND     |           | 9.0 | 1.3  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Tetrachloroethene        | ND     |           | 9.0 | 1.3  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Toluene                  | ND     |           | 9.0 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 9.0 | 0.90 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Trichloroethene          | ND     |           | 9.0 | 0.90 | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Vinyl chloride           | ND     |           | 9.0 | 1.1  | ug/Kg | ☼ | 08/25/23 15:20 | 08/29/23 15:33 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Pentanal                        | 21          | T J N     | ug/Kg | ☼ | 8.08  | 110-62-3 | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Hexanal                         | 140         | T J N     | ug/Kg | ☼ | 10.22 | 66-25-1  | 08/25/23 15:20 | 08/29/23 15:33 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 93        |           | 50 - 131 | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 54 - 135 | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 50 - 141 | 08/25/23 15:20 | 08/29/23 15:33 | 1       |
| Toluene-d8 (Surr)            | 97        |           | 52 - 141 | 08/25/23 15:20 | 08/29/23 15:33 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 65   | 29  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 77   | 35  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 65   | 29  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 65   | 29  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 77   | 35  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 65   | 29  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1800 | 290 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 290  | 59  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 65   | 29  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2-Chloronaphthalene          | ND     |           | 59   | 24  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2-Chlorophenol               | ND     |           | 65   | 29  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2-Methylnaphthalene          | ND     |           | 29   | 8.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-8 (0-0.25)

Lab Sample ID: 410-140000-9

Date Collected: 08/22/23 11:10

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 56.6

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2-Methylphenol              | ND     |           | 88  | 35  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2-Nitroaniline              | ND     |           | 88  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2-Nitrophenol               | ND     |           | 88  | 35  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 290 | 59  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 3-Nitroaniline              | ND     |           | 290 | 59  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 880 | 290 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 65  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 88  | 35  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 4-Chloroaniline             | ND     |           | 290 | 59  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 65  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 4-Methylphenol              | ND     |           | 88  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 4-Nitroaniline              | ND     |           | 290 | 59  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 4-Nitrophenol               | ND     |           | 880 | 290 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Acenaphthene                | ND     |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Acenaphthylene              | ND     |           | 29  | 7.1 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Acetophenone                | ND     |           | 88  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Anthracene                  | ND     |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Atrazine                    | ND     |           | 290 | 120 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Benzaldehyde                | ND     |           | 290 | 59  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Benzo[a]anthracene          | ND     |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Benzo[a]pyrene              | ND     |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Butyl benzyl phthalate      | ND     |           | 290 | 120 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Caprolactam                 | ND     |           | 290 | 59  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Carbazole                   | ND     |           | 65  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Chrysene                    | 6.5 J  |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Di-n-butyl phthalate        | ND     |           | 290 | 120 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Di-n-octyl phthalate        | ND     |           | 290 | 120 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 29  | 12  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Dibenzofuran                | ND     |           | 65  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Diethyl phthalate           | ND     |           | 290 | 120 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Dimethyl phthalate          | ND     |           | 290 | 120 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Fluoranthene                | 6.2 J  |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Fluorene                    | ND     |           | 29  | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Hexachlorobenzene           | ND     |           | 29  | 12  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Hexachlorobutadiene         | ND     |           | 88  | 35  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 880 | 290 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Hexachloroethane            | ND     |           | 290 | 59  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 29  | 7.1 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Isophorone                  | ND     |           | 120 | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 120 | 59  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 65  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Naphthalene                 | ND     |           | 29  | 12  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Nitrobenzene                | ND     |           | 65  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Pentachlorophenol           | ND     |           | 290 | 120 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Phenanthrene                | ND     |           | 29  | 7.1 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Phenol                      | 87     |           | 65  | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-8 (0-0.25)

Lab Sample ID: 410-140000-9

Date Collected: 08/22/23 11:10

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 56.6

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Pyrene                      | 6.9    | J         | 29  | 5.9 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 65  | 29  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 65  | 29  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 290 | 120 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 15:42 | 1       |

| Tentatively Identified Compound     | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                             | 1000        | T J B     | ug/Kg | ☼ | 3.81  | N/A        | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Unknown                             | 310         | T J       | ug/Kg | ☼ | 5.38  | N/A        | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Unknown                             | 270         | T J       | ug/Kg | ☼ | 9.56  | N/A        | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| n-Hexadecanoic acid                 | 360         | T J N     | ug/Kg | ☼ | 10.45 | 57-10-3    | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Eicosane                            | 340         | T J N     | ug/Kg | ☼ | 13.07 | 112-95-8   | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Unknown                             | 250         | T J       | ug/Kg | ☼ | 13.29 | N/A        | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Unknown                             | 390         | T J       | ug/Kg | ☼ | 13.38 | N/A        | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Oxirane, heptadecyl-                | 340         | T J N     | ug/Kg | ☼ | 13.53 | 67860-04-2 | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 17-Pentatriacontene                 | 1100        | T J N     | ug/Kg | ☼ | 13.73 | 6971-40-0  | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Octadecanal                         | 530         | T J N     | ug/Kg | ☼ | 14.19 | 638-66-4   | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Heptadecane, 2,6,10,15-tetramethyl- | 450         | T J N     | ug/Kg | ☼ | 14.37 | 54833-48-6 | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 1-Docosanol                         | 470         | T J N     | ug/Kg | ☼ | 14.40 | 661-19-8   | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Unknown                             | 300         | T J       | ug/Kg | ☼ | 14.92 | N/A        | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Campesterol                         | 280         | T J N     | ug/Kg | ☼ | 15.02 | 474-62-4   | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| .gamma.-Sitosterol                  | 930         | T J N     | ug/Kg | ☼ | 15.42 | 83-47-6    | 08/28/23 16:25 | 08/30/23 15:42 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 77        |           | 10 - 138 | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2-Fluorobiphenyl (Surr)     | 70        |           | 37 - 120 | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| 2-Fluorophenol (Surr)       | 67        |           | 22 - 120 | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Nitrobenzene-d5 (Surr)      | 69        |           | 26 - 120 | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| p-Terphenyl-d14 (Surr)      | 83        |           | 40 - 133 | 08/28/23 16:25 | 08/30/23 15:42 | 1       |
| Phenol-d5 (Surr)            | 69        |           | 27 - 120 | 08/28/23 16:25 | 08/30/23 15:42 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 29     |           | 8.5 | 3.4 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:46 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 30000  | ^2        | 34   | 17    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Antimony  | 0.15   | J         | 0.34 | 0.14  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Arsenic   | 3.9    |           | 0.68 | 0.23  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Barium    | 190    |           | 0.68 | 0.31  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Beryllium | 0.98   |           | 0.17 | 0.040 | mg/Kg | ☼ | 08/23/23 20:29 | 08/29/23 11:44 | 2       |
| Cadmium   | 0.54   |           | 0.17 | 0.068 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Calcium   | 3300   |           | 68   | 33    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Chromium  | 40     |           | 0.68 | 0.32  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Cobalt    | 17     | ^2        | 0.34 | 0.14  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Copper    | 19     |           | 0.68 | 0.31  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Iron      | 31000  | ^2        | 170  | 78    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 09:15 | 10      |
| Lead      | 20     |           | 0.34 | 0.13  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Magnesium | 7400   | ^2        | 17   | 8.3   | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Manganese | 970    | ^2        | 0.68 | 0.34  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-8 (0-0.25)

Lab Sample ID: 410-140000-9

Date Collected: 08/22/23 11:10

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 56.6

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Nickel    | 24     |           | 0.68 | 0.32  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Potassium | 4500   |           | 68   | 27    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Selenium  | 0.36   | J         | 0.68 | 0.17  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Silver    | ND     |           | 0.17 | 0.069 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Sodium    | 180    |           | 85   | 41    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Thallium  | 0.34   |           | 0.17 | 0.067 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Zinc      | 97     |           | 51   | 6.8   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |
| Vanadium  | 64     |           | 1.4  | 0.34  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:57 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.052  | J         | 0.099 | 0.033 | mg/Kg | ✱ | 08/23/23 22:39 | 08/24/23 11:33 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 43.4   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-8 (0.75-1)

Lab Sample ID: 410-140000-10

Date Collected: 08/22/23 11:20

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 73.8

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| 1,1-Dichloroethene       | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 11  | 5.5  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.5 | 0.77 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| 1,2-Dichloroethane       | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| 1,2-Dichloropropane      | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.5 | 0.77 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Benzene                  | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Bromodichloromethane     | ND     |           | 5.5 | 0.77 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Bromoform                | ND     |           | 11  | 5.5  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Carbon tetrachloride     | ND     |           | 5.5 | 0.77 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Chlorobenzene            | ND     |           | 5.5 | 0.77 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Chloroform               | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Dibromochloromethane     | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Ethylbenzene             | ND     |           | 5.5 | 0.77 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| m&p-Xylene               | ND     |           | 5.5 | 2.2  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Methylene Chloride       | ND     |           | 5.5 | 2.2  | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| o-Xylene                 | ND     |           | 5.5 | 0.77 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Styrene                  | ND     |           | 5.5 | 0.77 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Tetrachloroethene        | ND     |           | 5.5 | 0.77 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Toluene                  | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Trichloroethene          | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Vinyl chloride           | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/25/23 15:20 | 08/29/23 15:56 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-8 (0.75-1)

Lab Sample ID: 410-140000-10

Date Collected: 08/22/23 11:20

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 73.8

| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|----------|---|-------|---------|----------------|----------------|---------|
| Acetone                         | 5.6         | T J N     | ug/Kg    | ☼ | 3.16  | 67-64-1 | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Hexanal                         | 17          | T J N     | ug/Kg    | ☼ | 10.23 | 66-25-1 | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Surrogate                       | %Recovery   | Qualifier | Limits   |   |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)     | 95          |           | 50 - 131 |   |       |         | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| 1,2-Dichloroethane-d4 (Surr)    | 111         |           | 54 - 135 |   |       |         | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Dibromofluoromethane (Surr)     | 107         |           | 50 - 141 |   |       |         | 08/25/23 15:20 | 08/29/23 15:56 | 1       |
| Toluene-d8 (Surr)               | 94          |           | 52 - 141 |   |       |         | 08/25/23 15:20 | 08/29/23 15:56 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 59   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 59   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1400 | 230 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 230  | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2-Chloronaphthalene          | ND     |           | 45   | 18  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2-Chlorophenol               | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2-Methylnaphthalene          | ND     |           | 23   | 6.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2-Methylphenol               | ND     |           | 68   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2-Nitroaniline               | ND     |           | 68   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2-Nitrophenol                | ND     |           | 68   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 230  | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 3-Nitroaniline               | ND     |           | 230  | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 680  | 230 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 68   | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 4-Chloroaniline              | ND     |           | 230  | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 4-Methylphenol               | ND     |           | 68   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 4-Nitroaniline               | ND     |           | 230  | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 4-Nitrophenol                | ND     |           | 680  | 230 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Acenaphthene                 | ND     |           | 23   | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Acenaphthylene               | ND     |           | 23   | 5.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Acetophenone                 | ND     |           | 68   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Anthracene                   | ND     |           | 23   | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Atrazine                     | ND     |           | 230  | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Benzaldehyde                 | ND     |           | 230  | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Benzo[a]anthracene           | ND     |           | 23   | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Benzo[a]pyrene               | ND     |           | 23   | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Benzo[b]fluoranthene         | 7.6    | J         | 23   | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Benzo[g,h,i]perylene         | ND     |           | 23   | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Benzo[k]fluoranthene         | ND     |           | 23   | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Butyl benzyl phthalate       | ND     |           | 230  | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Caprolactam                  | ND     |           | 230  | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Carbazole                    | ND     |           | 50   | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-8 (0.75-1)

Lab Sample ID: 410-140000-10

Date Collected: 08/22/23 11:20

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 73.8

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| <b>Chrysene</b>             | <b>9.9</b> | <b>J</b>  | 23  | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Di-n-butyl phthalate        | ND         |           | 230 | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Di-n-octyl phthalate        | ND         |           | 230 | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Dibenz(a,h)anthracene       | ND         |           | 23  | 9.0 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Dibenzofuran                | ND         |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Diethyl phthalate           | ND         |           | 230 | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Dimethyl phthalate          | ND         |           | 230 | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| <b>Fluoranthene</b>         | <b>8.4</b> | <b>J</b>  | 23  | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Fluorene                    | ND         |           | 23  | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Hexachlorobenzene           | ND         |           | 23  | 9.0 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Hexachlorobutadiene         | ND         |           | 68  | 27  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Hexachlorocyclopentadiene   | ND         | *+ cn     | 680 | 230 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Hexachloroethane            | ND         |           | 230 | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND         |           | 23  | 5.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Isophorone                  | ND         |           | 90  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| N-Nitrosodi-n-propylamine   | ND         |           | 90  | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| N-Nitrosodiphenylamine      | ND         |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Naphthalene                 | ND         |           | 23  | 9.0 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Nitrobenzene                | ND         |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Pentachlorophenol           | ND         |           | 230 | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Phenanthrene                | ND         |           | 23  | 5.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Phenol                      | ND         |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| <b>Pyrene</b>               | <b>8.0</b> | <b>J</b>  | 23  | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Bis(2-chloroethoxy)methane  | ND         |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Bis(2-chloroethyl)ether     | ND         |           | 50  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Bis(2-ethylhexyl) phthalate | ND         |           | 230 | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 16:07 | 1       |

| Tentatively Identified Compound           | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|-------------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                                   | 620         | T J       | ug/Kg | ☼ | 3.15  | N/A        | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Furfural                                  | 550         | T J N     | ug/Kg | ☼ | 3.71  | 98-01-1    | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Unknown                                   | 2600        | T J B     | ug/Kg | ☼ | 3.82  | N/A        | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Unknown                                   | 940         | T J       | ug/Kg | ☼ | 4.02  | N/A        | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Unknown                                   | 740         | T J       | ug/Kg | ☼ | 6.07  | N/A        | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2-Furancarboxaldehyde, 5-(hydroxymethyl)- | 650         | T J N     | ug/Kg | ☼ | 6.87  | 67-47-0    | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| n-Hexadecanoic acid                       | 690         | T J N     | ug/Kg | ☼ | 10.46 | 57-10-3    | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 1-Heptadecene                             | 960         | T J N     | ug/Kg | ☼ | 12.39 | 6765-39-5  | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Unknown                                   | 1600        | T J       | ug/Kg | ☼ | 13.07 | N/A        | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Heneicosanoic acid                        | 630         | T J N     | ug/Kg | ☼ | 13.30 | 2363-71-5  | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Unknown                                   | 520         | T J       | ug/Kg | ☼ | 13.38 | N/A        | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Unknown                                   | 1600        | T J       | ug/Kg | ☼ | 13.73 | N/A        | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Oxirane, heptadecyl-                      | 530         | T J N     | ug/Kg | ☼ | 14.19 | 67860-04-2 | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Nonacosane                                | 510         | T J N     | ug/Kg | ☼ | 14.38 | 630-03-5   | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Unknown                                   | 1600        | T J       | ug/Kg | ☼ | 14.96 | N/A        | 08/28/23 16:25 | 08/30/23 16:07 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 71        |           | 10 - 138 | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2-Fluorobiphenyl (Surr)     | 68        |           | 37 - 120 | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| 2-Fluorophenol (Surr)       | 63        |           | 22 - 120 | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Nitrobenzene-d5 (Surr)      | 66        |           | 26 - 120 | 08/28/23 16:25 | 08/30/23 16:07 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-8 (0.75-1)

Lab Sample ID: 410-140000-10

Date Collected: 08/22/23 11:20

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 73.8

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| p-Terphenyl-d14 (Surr) | 80        |           | 40 - 133 | 08/28/23 16:25 | 08/30/23 16:07 | 1       |
| Phenol-d5 (Surr)       | 65        |           | 27 - 120 | 08/28/23 16:25 | 08/30/23 16:07 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 30     |           | 6.6 | 2.7 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:16 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 31000  | ^2        | 130  | 66    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:33 | 10      |
| Antimony  | ND     |           | 0.27 | 0.11  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Arsenic   | 3.6    |           | 0.53 | 0.18  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Barium    | 210    |           | 0.53 | 0.24  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Beryllium | 1.2    |           | 0.13 | 0.032 | mg/Kg | ✱ | 08/23/23 20:29 | 08/29/23 11:32 | 2       |
| Cadmium   | 0.057  | J         | 0.13 | 0.053 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Calcium   | 2700   |           | 53   | 26    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Chromium  | 46     |           | 0.53 | 0.25  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Cobalt    | 18     |           | 0.27 | 0.11  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Copper    | 18     |           | 0.53 | 0.24  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Iron      | 34000  | ^2        | 130  | 61    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:33 | 10      |
| Lead      | 17     |           | 0.27 | 0.10  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Magnesium | 8600   |           | 13   | 6.5   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Manganese | 1100   |           | 0.53 | 0.27  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Nickel    | 27     |           | 0.53 | 0.25  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Potassium | 5500   |           | 53   | 21    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Selenium  | 0.33   | J         | 0.53 | 0.13  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Silver    | ND     |           | 0.13 | 0.054 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Sodium    | 190    |           | 66   | 32    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Thallium  | 0.36   |           | 0.13 | 0.052 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Zinc      | 100    |           | 40   | 5.3   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |
| Vanadium  | 73     |           | 1.1  | 0.27  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:31 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.041  | J         | 0.076 | 0.025 | mg/Kg | ✱ | 08/23/23 22:39 | 08/24/23 11:35 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 26.2   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: TB1-20230822

Lab Sample ID: 410-140000-11

Date Collected: 08/22/23 00:00

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                 | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| 1,1,1,2-Trichloroethane | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| 1,1-Dichloroethene      | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| 1,2,4-Trichlorobenzene  | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: TB1-20230822

Lab Sample ID: 410-140000-11

Date Collected: 08/22/23 00:00

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,2-Dichlorobenzene      | ND     |           | 5.0 | 0.20 | ug/L |   |          | 08/29/23 01:06 | 1       |
| 1,2-Dichloroethane       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| 1,2-Dichloropropane      | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Benzene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Bromodichloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Bromoform                | ND     |           | 4.0 | 1.0  | ug/L |   |          | 08/29/23 01:06 | 1       |
| Carbon tetrachloride     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Chlorobenzene            | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Chloroform               | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Dibromochloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Ethylbenzene             | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/29/23 01:06 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/L |   |          | 08/29/23 01:06 | 1       |
| Methylene Chloride       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| o-Xylene                 | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Tetrachloroethene        | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Toluene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 2.0 | 0.70 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Trichloroethene          | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |
| Vinyl chloride           | ND     | cn        | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:06 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/29/23 01:06 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 80 - 120 |          | 08/29/23 01:06 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 80 - 120 |          | 08/29/23 01:06 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 80 - 120 |          | 08/29/23 01:06 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 80 - 120 |          | 08/29/23 01:06 | 1       |

Client Sample ID: SS-9 (0-0.25)

Lab Sample ID: 410-140000-12

Date Collected: 08/22/23 11:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 52.2

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 9.8 | 1.2  | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 9.8 | 0.98 | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| 1,1-Dichloroethene     | ND     |           | 9.8 | 0.98 | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 20  | 9.8  | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 9.8 | 1.4  | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| 1,2-Dichloroethane     | ND     |           | 9.8 | 1.2  | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| 1,2-Dichloropropane    | ND     |           | 9.8 | 0.98 | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 9.8 | 1.4  | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Benzene                | ND     |           | 9.8 | 0.98 | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Bromodichloromethane   | ND     |           | 9.8 | 1.4  | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Bromoform              | ND     |           | 20  | 9.8  | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Carbon tetrachloride   | ND     |           | 9.8 | 1.4  | ug/Kg | ✖ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-9 (0-0.25)

Lab Sample ID: 410-140000-12

Date Collected: 08/22/23 11:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 52.2

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Chlorobenzene            | ND     |           | 9.8 | 1.4  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Chloroform               | ND     |           | 9.8 | 1.2  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 9.8 | 0.98 | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Dibromochloromethane     | ND     |           | 9.8 | 0.98 | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Ethylbenzene             | ND     |           | 9.8 | 1.4  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| m&p-Xylene               | ND     |           | 9.8 | 3.9  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Methylene Chloride       | ND     |           | 9.8 | 3.9  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| o-Xylene                 | ND     |           | 9.8 | 1.4  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Styrene                  | ND     |           | 9.8 | 1.4  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Tetrachloroethene        | ND     |           | 9.8 | 1.4  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Toluene                  | ND     |           | 9.8 | 1.2  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 9.8 | 0.98 | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Trichloroethene          | ND     |           | 9.8 | 0.98 | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Vinyl chloride           | ND     |           | 9.8 | 1.2  | ug/Kg | ☼ | 08/25/23 15:29 | 08/29/23 16:20 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Unknown                         | 11          | T J       | ug/Kg | ☼ | 2.09  | N/A      | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Pentanal                        | 19          | T J N     | ug/Kg | ☼ | 8.08  | 110-62-3 | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Hexanal                         | 120         | T J N     | ug/Kg | ☼ | 10.22 | 66-25-1  | 08/25/23 15:29 | 08/29/23 16:20 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 93        |           | 50 - 131 | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 54 - 135 | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 50 - 141 | 08/25/23 15:29 | 08/29/23 16:20 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 52 - 141 | 08/25/23 15:29 | 08/29/23 16:20 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 70   | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 83   | 38  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 70   | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 70   | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 83   | 38  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 70   | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1900 | 320 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 320  | 64  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 70   | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2-Chloronaphthalene          | ND     |           | 64   | 26  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2-Chlorophenol               | ND     |           | 70   | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2-Methylnaphthalene          | 20     | J         | 32   | 9.6 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2-Methylphenol               | ND     |           | 96   | 38  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2-Nitroaniline               | ND     |           | 96   | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2-Nitrophenol                | ND     |           | 96   | 38  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 320  | 64  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 3-Nitroaniline               | ND     |           | 320  | 64  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 960  | 320 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 70   | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 96   | 38  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 4-Chloroaniline              | ND     |           | 320  | 64  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 70   | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-9 (0-0.25)

Lab Sample ID: 410-140000-12

Date Collected: 08/22/23 11:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 52.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4-Methylphenol              | 100    |           | 96  | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 4-Nitroaniline              | ND     |           | 320 | 64  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 4-Nitrophenol               | ND     |           | 960 | 320 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Acenaphthene                | ND     |           | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Acenaphthylene              | ND     |           | 32  | 7.7 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Acetophenone                | ND     |           | 96  | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Anthracene                  | ND     |           | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Atrazine                    | ND     |           | 320 | 130 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Benzaldehyde                | ND     |           | 320 | 64  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Benzo[a]anthracene          | ND     |           | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Benzo[a]pyrene              | ND     |           | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Benzo[b]fluoranthene        | 9.8    | J         | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Butyl benzyl phthalate      | ND     |           | 320 | 130 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Caprolactam                 | ND     |           | 320 | 64  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Carbazole                   | ND     |           | 70  | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Chrysene                    | 9.6    | J         | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Di-n-butyl phthalate        | ND     |           | 320 | 130 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Di-n-octyl phthalate        | ND     |           | 320 | 130 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 32  | 13  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Dibenzofuran                | ND     |           | 70  | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Diethyl phthalate           | ND     |           | 320 | 130 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Dimethyl phthalate          | ND     |           | 320 | 130 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Fluoranthene                | 9.8    | J         | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Fluorene                    | ND     |           | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Hexachlorobenzene           | ND     |           | 32  | 13  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Hexachlorobutadiene         | ND     |           | 96  | 38  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 960 | 320 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Hexachloroethane            | ND     |           | 320 | 64  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 32  | 7.7 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Isophorone                  | ND     |           | 130 | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 130 | 64  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 70  | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Naphthalene                 | ND     |           | 32  | 13  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Nitrobenzene                | ND     |           | 70  | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Pentachlorophenol           | ND     |           | 320 | 130 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Phenanthrene                | ND     |           | 32  | 7.7 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Phenol                      | 93     |           | 70  | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Pyrene                      | 9.4    | J         | 32  | 6.4 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 70  | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 70  | 32  | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 320 | 130 | ug/Kg | ☼ | 08/31/23 16:30 | 09/01/23 14:39 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Unknown                         | 3900        | T J B     | ug/Kg | ☼ | 3.67  | N/A     | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Unknown                         | 1200        | T J       | ug/Kg | ☼ | 9.43  | N/A     | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Unknown                         | 950         | T J       | ug/Kg | ☼ | 9.83  | N/A     | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Unknown                         | 1400        | T J       | ug/Kg | ☼ | 9.94  | N/A     | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| n-Hexadecanoic acid             | 2200        | T J N     | ug/Kg | ☼ | 10.33 | 57-10-3 | 08/31/23 16:30 | 09/01/23 14:39 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-9 (0-0.25)

Lab Sample ID: 410-140000-12

Date Collected: 08/22/23 11:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 52.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D | RT    | CAS No.      | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|----------|---|-------|--------------|----------------|----------------|---------|
| Tetradecane                     | 1000        | T J N     | ug/Kg    | ⊛ | 12.92 | 629-59-4     | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Heneicosanoic acid              | 1300        | T J N     | ug/Kg    | ⊛ | 13.14 | 2363-71-5    | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 1-Heneicosyl formate            | 2800        | T J N     | ug/Kg    | ⊛ | 13.57 | 77899-03-7   | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Unknown                         | 1700        | T J       | ug/Kg    | ⊛ | 14.08 | N/A          | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Heptacosane                     | 1100        | T J N     | ug/Kg    | ⊛ | 14.21 | 593-49-7     | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 9-Tricosene, (Z)-               | 1600        | T J N     | ug/Kg    | ⊛ | 14.22 | 27519-02-4   | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Ergost-5-en-3-ol, (3.β.)-       | 1500        | T J N     | ug/Kg    | ⊛ | 14.80 | 4651-51-8    | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Stigmasterol                    | 1900        | T J N     | ug/Kg    | ⊛ | 14.91 | 83-48-7      | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Stigmasterol, 22,23-dihydro-    | 6200        | T J N     | ug/Kg    | ⊛ | 15.17 | 1000214-20-7 | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Unknown                         | 1400        | T J       | ug/Kg    | ⊛ | 15.81 | N/A          | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Surrogate                       | %Recovery   | Qualifier | Limits   |   |       |              | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)     | 72          |           | 10 - 138 |   |       |              | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2-Fluorobiphenyl (Surr)         | 71          |           | 37 - 120 |   |       |              | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| 2-Fluorophenol (Surr)           | 66          |           | 22 - 120 |   |       |              | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Nitrobenzene-d5 (Surr)          | 64          |           | 26 - 120 |   |       |              | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| p-Terphenyl-d14 (Surr)          | 77          |           | 40 - 133 |   |       |              | 08/31/23 16:30 | 09/01/23 14:39 | 1       |
| Phenol-d5 (Surr)                | 71          |           | 27 - 120 |   |       |              | 08/31/23 16:30 | 09/01/23 14:39 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 36     |           | 9.6 | 3.8 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/24/23 07:05 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 46000  | ^2        | 190  | 95    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:49 | 10      |
| Antimony  | 0.15   | J         | 0.38 | 0.15  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Arsenic   | 4.7    |           | 0.77 | 0.26  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Barium    | 240    |           | 0.77 | 0.35  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Beryllium | 1.7    |           | 0.19 | 0.046 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Cadmium   | 0.20   |           | 0.19 | 0.077 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Calcium   | 5600   |           | 77   | 38    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Chromium  | 56     |           | 0.77 | 0.36  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Cobalt    | 18     |           | 0.38 | 0.15  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Copper    | 22     |           | 0.77 | 0.35  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Iron      | 54000  | ^2        | 190  | 88    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:49 | 10      |
| Lead      | 21     |           | 0.38 | 0.15  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Magnesium | 10000  |           | 19   | 9.4   | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Manganese | 1100   |           | 0.77 | 0.38  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Nickel    | 33     |           | 0.77 | 0.36  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Potassium | 6700   |           | 77   | 31    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Selenium  | 0.50   | J         | 0.77 | 0.19  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Silver    | 0.10   | J         | 0.19 | 0.078 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Sodium    | 180    |           | 96   | 46    | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Thallium  | 0.41   |           | 0.19 | 0.075 | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |
| Zinc      | 120    |           | 58   | 7.7   | mg/Kg | ⊛ | 08/23/23 20:06 | 08/30/23 10:07 | 2       |
| Vanadium  | 86     |           | 1.5  | 0.38  | mg/Kg | ⊛ | 08/23/23 20:06 | 08/29/23 23:47 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-9 (0-0.25)

Lab Sample ID: 410-140000-12

Date Collected: 08/22/23 11:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 52.2

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.055  | J         | 0.11 | 0.038 | mg/Kg | ☆ | 08/23/23 22:39 | 08/24/23 11:41 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 47.8   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-9 (0.75-1)

Lab Sample ID: 410-140000-13

Date Collected: 08/22/23 11:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 68.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     | cn        | 6.9 | 0.83 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| 1,1,2-Trichloroethane    | ND     | cn        | 6.9 | 0.69 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| 1,1-Dichloroethene       | ND     | cn        | 6.9 | 0.69 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| 1,2,4-Trichlorobenzene   | ND     | cn        | 14  | 6.9  | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| 1,2-Dichlorobenzene      | ND     | cn        | 6.9 | 0.96 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| 1,2-Dichloroethane       | ND     | cn        | 6.9 | 0.83 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| 1,2-Dichloropropane      | ND     | cn        | 6.9 | 0.69 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| 1,4-Dichlorobenzene      | ND     | cn        | 6.9 | 0.96 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Benzene                  | ND     | cn        | 6.9 | 0.69 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Bromodichloromethane     | ND     | cn        | 6.9 | 0.96 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Bromoform                | ND     | cn        | 14  | 6.9  | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Carbon tetrachloride     | ND     | cn        | 6.9 | 0.96 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Chlorobenzene            | ND     | cn        | 6.9 | 0.96 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Chloroform               | ND     | cn        | 6.9 | 0.83 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| cis-1,2-Dichloroethene   | ND     | cn        | 6.9 | 0.69 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Dibromochloromethane     | ND     | cn        | 6.9 | 0.69 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Ethylbenzene             | ND     | cn        | 6.9 | 0.96 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| m&p-Xylene               | ND     | cn        | 6.9 | 2.8  | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Methylene Chloride       | ND     | cn        | 6.9 | 2.8  | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| o-Xylene                 | ND     | cn        | 6.9 | 0.96 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Styrene                  | ND     | cn        | 6.9 | 0.96 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Tetrachloroethene        | ND     | cn        | 6.9 | 0.96 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Toluene                  | ND     | cn        | 6.9 | 0.83 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| trans-1,2-Dichloroethene | ND     | cn        | 6.9 | 0.69 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Trichloroethene          | ND     | cn        | 6.9 | 0.69 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Vinyl chloride           | ND     | cn        | 6.9 | 0.83 | ug/Kg | ☆ | 08/25/23 15:29 | 08/29/23 16:43 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Hexanal                         | 17          | T J N cn  | ug/Kg | ☆ | 10.23 | 66-25-1 | 08/25/23 15:29 | 08/29/23 16:43 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 93        | cn        | 50 - 131 | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 114       | cn        | 54 - 135 | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Dibromofluoromethane (Surr)  | 107       | cn        | 50 - 141 | 08/25/23 15:29 | 08/29/23 16:43 | 1       |
| Toluene-d8 (Surr)            | 94        | cn        | 52 - 141 | 08/25/23 15:29 | 08/29/23 16:43 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte       | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl | 74     |           | 54 | 24  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-9 (0.75-1)

Lab Sample ID: 410-140000-13

Date Collected: 08/22/23 11:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 68.3

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 2,2'-oxybis[1-chloropropane] | ND     |           | 63   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2,4,5-Trichlorophenol        | 34     | J         | 54   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2,4,6-Trichlorophenol        | 46     | J         | 54   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 63   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 54   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1500 | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 240  | 49  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 54   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2-Chloronaphthalene          | 88     |           | 49   | 20  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2-Chlorophenol               | ND     |           | 54   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2-Methylnaphthalene          | 71     |           | 24   | 7.3 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2-Methylphenol               | ND     |           | 73   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2-Nitroaniline               | ND     |           | 73   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2-Nitrophenol                | ND     |           | 73   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 240  | 49  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 3-Nitroaniline               | ND     |           | 240  | 49  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 730  | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 4-Bromophenyl phenyl ether   | 120    |           | 54   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 73   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 4-Chloroaniline              | ND     |           | 240  | 49  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 4-Chlorophenyl phenyl ether  | 110    |           | 54   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 4-Methylphenol               | ND     |           | 73   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 4-Nitroaniline               | ND     |           | 240  | 49  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 4-Nitrophenol                | ND     |           | 730  | 240 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Acenaphthene                 | 92     |           | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Acenaphthylene               | 64     |           | 24   | 5.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Acetophenone                 | ND     |           | 73   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Anthracene                   | 120    |           | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Atrazine                     | ND     |           | 240  | 98  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Benzaldehyde                 | 78     | J         | 240  | 49  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Benzo[a]anthracene           | 68     |           | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Benzo[a]pyrene               | 32     |           | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Benzo[b]fluoranthene         | 38     |           | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Benzo[g,h,i]perylene         | 15     | J         | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Benzo[k]fluoranthene         | 35     |           | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Butyl benzyl phthalate       | ND     |           | 240  | 98  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Caprolactam                  | ND     |           | 240  | 49  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Carbazole                    | ND     |           | 54   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Chrysene                     | 70     |           | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Di-n-butyl phthalate         | ND     |           | 240  | 98  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Di-n-octyl phthalate         | ND     |           | 240  | 98  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Dibenz(a,h)anthracene        | 17     | J         | 24   | 9.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Dibenzofuran                 | 110    |           | 54   | 24  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Diethyl phthalate            | ND     |           | 240  | 98  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Dimethyl phthalate           | ND     |           | 240  | 98  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Fluoranthene                 | 96     |           | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Fluorene                     | 99     |           | 24   | 4.9 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Hexachlorobenzene            | 190    |           | 24   | 9.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Hexachlorobutadiene          | 32     | J         | 73   | 29  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-9 (0.75-1)

Lab Sample ID: 410-140000-13

Date Collected: 08/22/23 11:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 68.3

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 730 | 240 | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Hexachloroethane            | ND     |           | 240 | 49  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Indeno[1,2,3-cd]pyrene      | 18     | J         | 24  | 5.9 | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Isophorone                  | ND     |           | 98  | 24  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 98  | 49  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 54  | 24  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Naphthalene                 | 45     |           | 24  | 9.8 | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Nitrobenzene                | ND     |           | 54  | 24  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Pentachlorophenol           | ND     |           | 240 | 98  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Phenanthrene                | 120    |           | 24  | 5.9 | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Phenol                      | ND     |           | 54  | 24  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Pyrene                      | 99     |           | 24  | 4.9 | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 54  | 24  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 54  | 24  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 240 | 98  | ug/Kg | ✖ | 08/28/23 16:25 | 08/30/23 16:57 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                         | 1900        | T J       | ug/Kg | ✖ | 3.16  | N/A        | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Furfural                        | 2600        | T J N     | ug/Kg | ✖ | 3.71  | 98-01-1    | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Unknown                         | 3400        | T J B     | ug/Kg | ✖ | 3.82  | N/A        | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2-Furanmethanol                 | 1100        | T J N     | ug/Kg | ✖ | 3.96  | 98-00-0    | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Unknown                         | 1500        | T J       | ug/Kg | ✖ | 4.02  | N/A        | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 3-Furancarboxylic acid          | 750         | T J N     | ug/Kg | ✖ | 5.80  | 488-93-7   | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Unknown                         | 820         | T J       | ug/Kg | ✖ | 5.92  | N/A        | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Unknown                         | 1800        | T J       | ug/Kg | ✖ | 6.08  | N/A        | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| n-Hexadecanoic acid             | 710         | T J N     | ug/Kg | ✖ | 10.46 | 57-10-3    | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 1-Nonadecene                    | 770         | T J N     | ug/Kg | ✖ | 12.39 | 18435-45-5 | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Ethanol, 2-(tetradecyloxy)-     | 1300        | T J N     | ug/Kg | ✖ | 13.07 | 2136-70-1  | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Unknown                         | 860         | T J       | ug/Kg | ✖ | 13.29 | N/A        | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 9-Tricosene, (Z)-               | 1400        | T J N     | ug/Kg | ✖ | 13.73 | 27519-02-4 | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Heptadecane, 9-hexyl-           | 640         | T J N     | ug/Kg | ✖ | 14.38 | 55124-79-3 | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Unknown                         | 630         | T J       | ug/Kg | ✖ | 14.66 | N/A        | 08/28/23 16:25 | 08/30/23 16:57 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 71        |           | 10 - 138 | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2-Fluorobiphenyl (Surr)     | 69        |           | 37 - 120 | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| 2-Fluorophenol (Surr)       | 63        |           | 22 - 120 | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 26 - 120 | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| p-Terphenyl-d14 (Surr)      | 77        |           | 40 - 133 | 08/28/23 16:25 | 08/30/23 16:57 | 1       |
| Phenol-d5 (Surr)            | 65        |           | 27 - 120 | 08/28/23 16:25 | 08/30/23 16:57 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 36     |           | 7.0 | 2.8 | mg/Kg | ✖ | 08/23/23 20:29 | 08/24/23 08:10 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte  | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Aluminum | 45000  | ^2        | 140  | 70   | mg/Kg | ✖ | 08/23/23 20:29 | 08/24/23 08:29 | 10      |
| Antimony | ND     |           | 0.28 | 0.11 | mg/Kg | ✖ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Arsenic  | 3.8    |           | 0.56 | 0.19 | mg/Kg | ✖ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-9 (0.75-1)

Lab Sample ID: 410-140000-13

Date Collected: 08/22/23 11:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 68.3

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Barium    | 230    |           | 0.56 | 0.26  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Beryllium | 1.4    |           | 0.14 | 0.034 | mg/Kg | ✱ | 08/23/23 20:29 | 08/29/23 11:30 | 2       |
| Cadmium   | 0.13   | J         | 0.14 | 0.056 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Calcium   | 2400   |           | 56   | 28    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Chromium  | 59     |           | 0.56 | 0.27  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Cobalt    | 15     |           | 0.28 | 0.11  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Copper    | 18     |           | 0.56 | 0.25  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Iron      | 46000  | ^2        | 140  | 65    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:29 | 10      |
| Lead      | 18     |           | 0.28 | 0.11  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Magnesium | 9500   |           | 14   | 6.9   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Manganese | 840    |           | 0.56 | 0.28  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Nickel    | 30     |           | 0.56 | 0.27  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Potassium | 6900   |           | 56   | 23    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Selenium  | 0.55   | J         | 0.56 | 0.14  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Silver    | 0.10   | J         | 0.14 | 0.057 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Sodium    | 180    |           | 70   | 34    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Thallium  | 0.43   |           | 0.14 | 0.055 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Zinc      | 110    |           | 42   | 5.6   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |
| Vanadium  | 84     |           | 1.1  | 0.28  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 08:27 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.051  | J         | 0.085 | 0.028 | mg/Kg | ✱ | 08/23/23 22:39 | 08/24/23 11:45 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 31.7   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Client Sample ID: SS-5 (0-0.25)

Lab Sample ID: 410-140000-14

Date Collected: 08/22/23 12:25

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 88.2

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 4.9 | 0.58 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| 1,1,2-Trichloroethane  | ND     | F1        | 4.9 | 0.49 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| 1,1-Dichloroethene     | ND     |           | 4.9 | 0.49 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| 1,2,4-Trichlorobenzene | ND     | F1        | 9.7 | 4.9  | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| 1,2-Dichlorobenzene    | ND     | F1        | 4.9 | 0.68 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| 1,2-Dichloroethane     | ND     |           | 4.9 | 0.58 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| 1,2-Dichloropropane    | ND     | F1        | 4.9 | 0.49 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| 1,4-Dichlorobenzene    | ND     | F1        | 4.9 | 0.68 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Benzene                | ND     | F1        | 4.9 | 0.49 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Bromodichloromethane   | ND     |           | 4.9 | 0.68 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Bromoform              | ND     |           | 9.7 | 4.9  | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Carbon tetrachloride   | ND     |           | 4.9 | 0.68 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Chlorobenzene          | ND     | F1        | 4.9 | 0.68 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Chloroform             | ND     | F1        | 4.9 | 0.58 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| cis-1,2-Dichloroethene | ND     |           | 4.9 | 0.49 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Dibromochloromethane   | ND     |           | 4.9 | 0.49 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-5 (0-0.25)

Lab Sample ID: 410-140000-14

Date Collected: 08/22/23 12:25

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 88.2

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Ethylbenzene             | ND     | F1        | 4.9 | 0.68 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| m&p-Xylene               | ND     | F1        | 4.9 | 1.9  | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Methylene Chloride       | ND     |           | 4.9 | 1.9  | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| o-Xylene                 | ND     | F1        | 4.9 | 0.68 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Styrene                  | ND     | F1        | 4.9 | 0.68 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Tetrachloroethene        | ND     | F1        | 4.9 | 0.68 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Toluene                  | ND     | F1        | 4.9 | 0.58 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| trans-1,2-Dichloroethene | ND     | F1        | 4.9 | 0.49 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Trichloroethene          | ND     | F1        | 4.9 | 0.49 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Vinyl chloride           | ND     |           | 4.9 | 0.58 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 17:07 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT   | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|------|----------|----------------|----------------|---------|
| Pentane                         | 9.1         | J F2      | ug/Kg | ✱ | 2.68 | 109-66-0 | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Pentanal                        | 12          | T J N     | ug/Kg | ✱ | 8.08 | 110-62-3 | 08/25/23 15:29 | 08/29/23 17:07 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 95        |           | 50 - 131 | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 115       |           | 54 - 135 | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 50 - 141 | 08/25/23 15:29 | 08/29/23 17:07 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 52 - 141 | 08/25/23 15:29 | 08/29/23 17:07 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 42   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 49   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 42   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 42   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 49   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 42   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 1100 | 190 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 190  | 38  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 42   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2-Chloronaphthalene          | ND     |           | 38   | 15  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2-Chlorophenol               | ND     |           | 42   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2-Methylnaphthalene          | ND     |           | 19   | 5.7 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2-Methylphenol               | ND     |           | 57   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2-Nitroaniline               | ND     |           | 57   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2-Nitrophenol                | ND     |           | 57   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 3,3'-Dichlorobenzidine       | ND     | F2        | 190  | 38  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 3-Nitroaniline               | ND     | F2        | 190  | 38  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 570  | 190 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 42   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 57   | 23  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 4-Chloroaniline              | ND     |           | 190  | 38  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 42   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 4-Methylphenol               | ND     |           | 57   | 19  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 4-Nitroaniline               | ND     | F1        | 190  | 38  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 4-Nitrophenol                | ND     |           | 570  | 190 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Acenaphthene                 | ND     |           | 19   | 3.8 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Acenaphthylene               | ND     |           | 19   | 4.5 | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-5 (0-0.25)

Lab Sample ID: 410-140000-14

Date Collected: 08/22/23 12:25

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 88.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Acetophenone                | ND         |           | 57  | 19  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| <b>Anthracene</b>           | <b>4.2</b> | <b>J</b>  | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Atrazine                    | ND         |           | 190 | 76  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Benzaldehyde                | ND         |           | 190 | 38  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| <b>Benzo[a]anthracene</b>   | <b>5.0</b> | <b>J</b>  | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Benzo[a]pyrene              | ND         |           | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| <b>Benzo[b]fluoranthene</b> | <b>7.2</b> | <b>J</b>  | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Benzo[g,h,i]perylene        | ND         |           | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Benzo[k]fluoranthene        | ND         |           | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Butyl benzyl phthalate      | ND         |           | 190 | 76  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Caprolactam                 | ND         |           | 190 | 38  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Carbazole                   | ND         |           | 42  | 19  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| <b>Chrysene</b>             | <b>8.5</b> | <b>J</b>  | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Di-n-butyl phthalate        | ND         |           | 190 | 76  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Di-n-octyl phthalate        | ND         |           | 190 | 76  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Dibenz(a,h)anthracene       | ND         |           | 19  | 7.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Dibenzofuran                | ND         |           | 42  | 19  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Diethyl phthalate           | ND         |           | 190 | 76  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Dimethyl phthalate          | ND         |           | 190 | 76  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| <b>Fluoranthene</b>         | <b>14</b>  | <b>J</b>  | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Fluorene                    | ND         |           | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Hexachlorobenzene           | ND         |           | 19  | 7.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Hexachlorobutadiene         | ND         |           | 57  | 23  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Hexachlorocyclopentadiene   | ND         | *+ F1 cn  | 570 | 190 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Hexachloroethane            | ND         |           | 190 | 38  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND         |           | 19  | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Isophorone                  | ND         |           | 76  | 19  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| N-Nitrosodi-n-propylamine   | ND         |           | 76  | 38  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| N-Nitrosodiphenylamine      | ND         |           | 42  | 19  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Naphthalene                 | ND         |           | 19  | 7.6 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Nitrobenzene                | ND         |           | 42  | 19  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Pentachlorophenol           | ND         |           | 190 | 76  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| <b>Phenanthrene</b>         | <b>13</b>  | <b>J</b>  | 19  | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Phenol                      | ND         |           | 42  | 19  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| <b>Pyrene</b>               | <b>12</b>  | <b>J</b>  | 19  | 3.8 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Bis(2-chloroethoxy)methane  | ND         |           | 42  | 19  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Bis(2-chloroethyl)ether     | ND         |           | 42  | 19  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Bis(2-ethylhexyl) phthalate | ND         |           | 190 | 76  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 20:24 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.   | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|-----------|----------------|----------------|---------|
| Unknown                         | 3800        | T J       | ug/Kg | ☼ | 3.77  | N/A       | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Unknown                         | 560         | T J       | ug/Kg | ☼ | 9.52  | N/A       | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Hexadecenoic acid, Z-11-        | 880         | T J N     | ug/Kg | ☼ | 10.38 | 2416-20-8 | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 9-Octadecenoic acid, (E)-       | 770         | T J N     | ug/Kg | ☼ | 11.10 | 112-79-8  | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Unknown                         | 1300        | T J       | ug/Kg | ☼ | 13.02 | N/A       | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Heneicosanoic acid              | 700         | T J N     | ug/Kg | ☼ | 13.24 | 2363-71-5 | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Ethanol, 2-(tetradecyloxy)-     | 4000        | T J N     | ug/Kg | ☼ | 13.67 | 2136-70-1 | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Octadecanal                     | 1100        | T J N     | ug/Kg | ☼ | 14.13 | 638-66-4  | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Heneicosane                     | 1300        | T J N     | ug/Kg | ☼ | 14.32 | 629-94-7  | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 1-Hexacosanol                   | 1900        | T J N     | ug/Kg | ☼ | 14.35 | 506-52-5  | 08/28/23 16:25 | 08/30/23 20:24 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-5 (0-0.25)

Lab Sample ID: 410-140000-14

Date Collected: 08/22/23 12:25

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 88.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|----------|---|-------|------------|----------------|----------------|---------|
| Unknown                         | 1100        | T J       | ug/Kg    | ⊛ | 14.85 | N/A        | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Ergost-7-en-3-ol, (3.beta.)-    | 1000        | T J N     | ug/Kg    | ⊛ | 14.95 | 26047-31-4 | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Unknown                         | 640         | T J       | ug/Kg    | ⊛ | 15.06 | N/A        | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 5-Eicosene, (E)-                | 840         | T J N     | ug/Kg    | ⊛ | 15.14 | 74685-30-6 | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| .gamma.-Sitosterol              | 2100        | T J N     | ug/Kg    | ⊛ | 15.33 | 83-47-6    | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Surrogate                       | %Recovery   | Qualifier | Limits   |   |       |            | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)     | 76          |           | 10 - 138 |   |       |            | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2-Fluorobiphenyl (Surr)         | 76          |           | 37 - 120 |   |       |            | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| 2-Fluorophenol (Surr)           | 71          |           | 22 - 120 |   |       |            | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Nitrobenzene-d5 (Surr)          | 73          |           | 26 - 120 |   |       |            | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| p-Terphenyl-d14 (Surr)          | 87          |           | 40 - 133 |   |       |            | 08/28/23 16:25 | 08/30/23 20:24 | 1       |
| Phenol-d5 (Surr)                | 75          |           | 27 - 120 |   |       |            | 08/28/23 16:25 | 08/30/23 20:24 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 28     |           | 5.4 | 2.2 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:40 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 23000  |           | 110  | 53    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:27 | 10      |
| Antimony  | 0.25   | F1        | 0.22 | 0.086 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Arsenic   | 3.0    |           | 0.43 | 0.14  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Barium    | 180    | F1        | 2.2  | 0.99  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:27 | 10      |
| Beryllium | 1.2    | B         | 0.11 | 0.026 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Cadmium   | 0.12   |           | 0.11 | 0.043 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Calcium   | 15000  | F2        | 43   | 21    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Chromium  | 37     |           | 0.43 | 0.21  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Cobalt    | 13     |           | 0.22 | 0.086 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Copper    | 22     |           | 0.43 | 0.19  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Iron      | 26000  |           | 110  | 50    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:27 | 10      |
| Lead      | 12     |           | 0.22 | 0.082 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Magnesium | 10000  |           | 11   | 5.3   | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Manganese | 540    |           | 0.43 | 0.22  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Nickel    | 25     |           | 0.43 | 0.21  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Potassium | 5300   |           | 43   | 17    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Selenium  | 0.15   | J         | 0.43 | 0.11  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Silver    | 0.052  | J         | 0.11 | 0.044 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Sodium    | 320    |           | 54   | 26    | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Thallium  | 0.30   |           | 0.11 | 0.042 | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Zinc      | 74     |           | 32   | 4.3   | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |
| Vanadium  | 55     | F1        | 0.86 | 0.22  | mg/Kg | ⊛ | 08/23/23 20:29 | 08/24/23 07:25 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.023  | J         | 0.067 | 0.022 | mg/Kg | ⊛ | 08/23/23 22:39 | 08/24/23 11:02 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 11.8   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: TB2-20230822

Lab Sample ID: 410-140000-15

Date Collected: 08/22/23 00:00

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| 1,1-Dichloroethene       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.0 | 0.20 | ug/L |   |          | 08/29/23 01:28 | 1       |
| 1,2-Dichloroethane       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| 1,2-Dichloropropane      | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Benzene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Bromodichloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Bromoform                | ND     |           | 4.0 | 1.0  | ug/L |   |          | 08/29/23 01:28 | 1       |
| Carbon tetrachloride     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Chlorobenzene            | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Chloroform               | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Dibromochloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Ethylbenzene             | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/29/23 01:28 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/L |   |          | 08/29/23 01:28 | 1       |
| Methylene Chloride       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| o-Xylene                 | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Tetrachloroethene        | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Toluene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 2.0 | 0.70 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Trichloroethene          | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |
| Vinyl chloride           | ND     | cn        | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:28 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/29/23 01:28 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 108       |           | 80 - 120 |          | 08/29/23 01:28 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 80 - 120 |          | 08/29/23 01:28 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 80 - 120 |          | 08/29/23 01:28 | 1       |
| Toluene-d8 (Surr)            | 92        |           | 80 - 120 |          | 08/29/23 01:28 | 1       |

Client Sample ID: EB1-20230822

Lab Sample ID: 410-140000-16

Date Collected: 08/22/23 14:00

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| 1,1-Dichloroethene     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 5.0 | 0.20 | ug/L |   |          | 08/29/23 01:51 | 1       |
| 1,2-Dichloroethane     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| 1,2-Dichloropropane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: EB1-20230822

Lab Sample ID: 410-140000-16

Date Collected: 08/22/23 14:00

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Benzene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Bromodichloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Bromoform                | ND     |           | 4.0 | 1.0  | ug/L |   |          | 08/29/23 01:51 | 1       |
| Carbon tetrachloride     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Chlorobenzene            | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Chloroform               | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Dibromochloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Ethylbenzene             | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/29/23 01:51 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/L |   |          | 08/29/23 01:51 | 1       |
| Methylene Chloride       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| o-Xylene                 | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Tetrachloroethene        | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Toluene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 2.0 | 0.70 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Trichloroethene          | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |
| Vinyl chloride           | ND     | cn        | 1.0 | 0.30 | ug/L |   |          | 08/29/23 01:51 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/29/23 01:51 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 80 - 120 |          | 08/29/23 01:51 | 1       |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 80 - 120 |          | 08/29/23 01:51 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 80 - 120 |          | 08/29/23 01:51 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 80 - 120 |          | 08/29/23 01:51 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 10   | 3.1  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 31   | 15   | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 5.2  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2-Chloronaphthalene          | ND     |           | 1.0  | 0.42 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2-Chlorophenol               | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2-Methylnaphthalene          | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2-Methylphenol               | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2-Nitroaniline               | ND     |           | 5.2  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2-Nitrophenol                | ND     |           | 5.2  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 10   | 4.2  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 3-Nitroaniline               | ND     |           | 5.2  | 2.1  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     |           | 22   | 8.3  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 5.2  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: EB1-20230822

Lab Sample ID: 410-140000-16

Date Collected: 08/22/23 14:00

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 4-Chloroaniline             | ND     |           | 10   | 4.2  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 4-Methylphenol              | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 4-Nitroaniline              | ND     |           | 3.1  | 0.94 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 4-Nitrophenol               | ND     |           | 31   | 10   | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Acenaphthene                | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Acenaphthylene              | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Acetophenone                | ND     |           | 5.2  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Anthracene                  | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Atrazine                    | ND     |           | 5.2  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Benzaldehyde                | ND     |           | 5.2  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Benzo[a]anthracene          | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Benzo[a]pyrene              | ND     |           | 0.52 | 0.11 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 5.2  | 2.1  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Butyl benzyl phthalate      | ND     |           | 5.2  | 2.1  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Caprolactam                 | ND     |           | 7.3  | 3.1  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Carbazole                   | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Chrysene                    | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Di-n-butyl phthalate        | ND     |           | 5.2  | 2.1  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Di-n-octyl phthalate        | ND     |           | 11   | 5.2  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Dibenzofuran                | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Diethyl phthalate           | ND     |           | 5.2  | 2.1  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Dimethyl phthalate          | ND     |           | 5.2  | 2.1  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Fluoranthene                | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Fluorene                    | ND     |           | 0.52 | 0.13 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Hexachlorobenzene           | ND     |           | 0.52 | 0.11 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Hexachlorobutadiene         | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 11   | 5.2  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Hexachloroethane            | ND     |           | 5.2  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 0.52 | 0.11 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Isophorone                  | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Naphthalene                 | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Nitrobenzene                | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Pentachlorophenol           | ND     | *+ cn     | 5.2  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Phenanthrene                | ND     |           | 0.52 | 0.11 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Phenol                      | ND     |           | 2.1  | 0.52 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Pyrene                      | ND     |           | 0.52 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 22:24 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|------|---------|----------------|----------------|---------|
| Unknown                         | 7.2         | T J B     | ug/L |   | 1.26 | N/A     | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Unknown                         | 4.3         | T J       | ug/L |   | 2.01 | N/A     | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Unknown                         | 5.2         | T J B     | ug/L |   | 3.11 | N/A     | 08/28/23 08:34 | 08/28/23 22:24 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: EB1-20230822

Lab Sample ID: 410-140000-16

Date Collected: 08/22/23 14:00

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|----------|---|------|---------|----------------|----------------|---------|
| Unknown                         | 20          | T J B     | ug/L     |   | 3.44 | N/A     | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Unknown                         | 6.8         | T J B     | ug/L     |   | 3.55 | N/A     | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Unknown                         | 10          | T J B     | ug/L     |   | 3.71 | N/A     | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Surrogate                       | %Recovery   | Qualifier | Limits   |   |      |         | Prepared       | Analyzed       | Dil Fac |
| 2-Fluorobiphenyl (Surr)         | 64          |           | 44 - 120 |   |      |         | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2-Fluorophenol (Surr)           | 42          |           | 10 - 120 |   |      |         | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Nitrobenzene-d5 (Surr)          | 77          |           | 31 - 120 |   |      |         | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| p-Terphenyl-d14 (Surr)          | 65          |           | 30 - 125 |   |      |         | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| 2,4,6-Tribromophenol (Surr)     | 72          |           | 13 - 138 |   |      |         | 08/28/23 08:34 | 08/28/23 22:24 | 1       |
| Phenol-d5 (Surr)                | 31          |           | 10 - 120 |   |      |         | 08/28/23 08:34 | 08/28/23 22:24 | 1       |

## Method: SW846 6010D - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Lithium | ND     |           | 0.050 | 0.011 | mg/L |   | 08/24/23 00:56 | 08/24/23 18:28 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte   | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Aluminum  | 29     |           | 25   | 12   | ug/L |   | 08/24/23 00:56 | 08/30/23 08:28 | 1       |
| Antimony  | ND     |           | 1.0  | 0.20 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Arsenic   | ND     |           | 2.0  | 0.68 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Barium    | 2.2    |           | 2.0  | 0.75 | ug/L |   | 08/24/23 00:56 | 08/30/23 08:28 | 1       |
| Beryllium | ND     |           | 0.50 | 0.12 | ug/L |   | 08/24/23 00:56 | 08/30/23 08:28 | 1       |
| Cadmium   | ND     |           | 0.50 | 0.15 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Calcium   | 240    |           | 120  | 50   | ug/L |   | 08/24/23 00:56 | 08/30/23 08:28 | 1       |
| Chromium  | ND     |           | 2.0  | 0.55 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Cobalt    | ND     |           | 0.50 | 0.16 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Copper    | ND     |           | 1.0  | 0.36 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Iron      | ND     |           | 50   | 20   | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Lead      | ND     |           | 0.50 | 0.12 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Magnesium | 29 J   |           | 50   | 16   | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Manganese | ND     |           | 2.0  | 0.95 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Nickel    | ND     |           | 1.0  | 0.40 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Potassium | ND     |           | 200  | 65   | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Selenium  | ND     |           | 1.0  | 0.28 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Silver    | ND     |           | 0.50 | 0.10 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Sodium    | 730    |           | 200  | 90   | ug/L |   | 08/24/23 00:56 | 08/30/23 08:28 | 1       |
| Thallium  | ND     |           | 0.50 | 0.13 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Zinc      | ND     |           | 10   | 4.0  | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |
| Vanadium  | ND     |           | 4.0  | 0.79 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:54 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.20 | 0.079 | ug/L |   | 08/24/23 08:23 | 08/25/23 10:34 | 1       |

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: EB2-20230822

Lab Sample ID: 410-140000-17

Date Collected: 08/22/23 14:10

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| 1,1-Dichloroethene       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.0 | 0.20 | ug/L |   |          | 08/29/23 02:13 | 1       |
| 1,2-Dichloroethane       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| 1,2-Dichloropropane      | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Benzene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Bromodichloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Bromoform                | ND     |           | 4.0 | 1.0  | ug/L |   |          | 08/29/23 02:13 | 1       |
| Carbon tetrachloride     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Chlorobenzene            | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Chloroform               | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Dibromochloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Ethylbenzene             | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/29/23 02:13 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/L |   |          | 08/29/23 02:13 | 1       |
| Methylene Chloride       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| o-Xylene                 | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Tetrachloroethene        | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Toluene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 2.0 | 0.70 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Trichloroethene          | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |
| Vinyl chloride           | ND     | cn        | 1.0 | 0.30 | ug/L |   |          | 08/29/23 02:13 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/29/23 02:13 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 80 - 120 |          | 08/29/23 02:13 | 1       |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 80 - 120 |          | 08/29/23 02:13 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 80 - 120 |          | 08/29/23 02:13 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 80 - 120 |          | 08/29/23 02:13 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 10   | 3.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2,4-Dinitrophenol            | ND     |           | 30   | 14   | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2-Chloronaphthalene          | ND     |           | 1.0  | 0.40 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2-Chlorophenol               | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2-Methylnaphthalene          | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: EB2-20230822

Lab Sample ID: 410-140000-17

Date Collected: 08/22/23 14:10

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| 2-Methylphenol              | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2-Nitroaniline              | ND     |           | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2-Nitrophenol               | ND     |           | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 10   | 4.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 3-Nitroaniline              | ND     |           | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 21   | 8.1  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 4-Chloroaniline             | ND     |           | 10   | 4.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 4-Methylphenol              | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 4-Nitroaniline              | ND     |           | 3.0  | 0.91 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 4-Nitrophenol               | ND     |           | 30   | 10   | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Acenaphthene                | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Acenaphthylene              | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Acetophenone                | ND     |           | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Anthracene                  | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Atrazine                    | ND     |           | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Benzaldehyde                | ND     |           | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Benzo[a]anthracene          | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Benzo[a]pyrene              | ND     |           | 0.50 | 0.11 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     | cn        | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Butyl benzyl phthalate      | ND     | cn        | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Caprolactam                 | ND     |           | 7.1  | 3.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Carbazole                   | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Chrysene                    | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Di-n-butyl phthalate        | ND     |           | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Di-n-octyl phthalate        | ND     |           | 11   | 5.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Dibenzofuran                | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Diethyl phthalate           | ND     |           | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Dimethyl phthalate          | ND     |           | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Fluoranthene                | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Fluorene                    | ND     |           | 0.50 | 0.12 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Hexachlorobenzene           | ND     |           | 0.50 | 0.11 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Hexachlorobutadiene         | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Hexachlorocyclopentadiene   | ND     | cn        | 11   | 5.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Hexachloroethane            | ND     |           | 5.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 0.50 | 0.11 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Isophorone                  | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Naphthalene                 | 0.66   |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Nitrobenzene                | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: EB2-20230822

Lab Sample ID: 410-140000-17

Date Collected: 08/22/23 14:10

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte           | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Pentachlorophenol | ND     |           | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Phenanthrene      | ND     |           | 0.50 | 0.11 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Phenol            | ND     |           | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Pyrene            | ND     |           | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/29/23 00:01 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT   | CAS No.   | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|------|-----------|----------------|----------------|---------|
| Unknown                         | 5.0         | T J       | ug/L |   | 2.03 | N/A       | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Unknown                         | 4.6         | T J       | ug/L |   | 2.95 | N/A       | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Unknown                         | 14          | T J       | ug/L |   | 3.24 | N/A       | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Unknown                         | 5.3         | T J       | ug/L |   | 3.34 | N/A       | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Cyclohexane, 1-methyl-2-propyl- | 8.3         | T J N     | ug/L |   | 3.49 | 4291-79-6 | 08/28/23 15:13 | 08/29/23 00:01 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr)     | 75        |           | 44 - 120 | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 10 - 120 | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 31 - 120 | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| p-Terphenyl-d14 (Surr)      | 93        |           | 30 - 125 | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| 2,4,6-Tribromophenol (Surr) | 71        |           | 13 - 138 | 08/28/23 15:13 | 08/29/23 00:01 | 1       |
| Phenol-d5 (Surr)            | 30        |           | 10 - 120 | 08/28/23 15:13 | 08/29/23 00:01 | 1       |

## Method: SW846 6010D - Metals (ICP) - Total Recoverable

| Analyte | Result | Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|------|---|----------------|----------------|---------|
| Lithium | ND     |           | 0.050 | 0.011 | mg/L |   | 08/24/23 00:56 | 08/24/23 18:40 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte   | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Aluminum  | 74     |           | 25   | 12   | ug/L |   | 08/24/23 00:56 | 08/30/23 08:30 | 1       |
| Antimony  | 0.31   | J         | 1.0  | 0.20 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Arsenic   | ND     |           | 2.0  | 0.68 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Barium    | 4.1    |           | 2.0  | 0.75 | ug/L |   | 08/24/23 00:56 | 08/30/23 08:30 | 1       |
| Beryllium | ND     |           | 0.50 | 0.12 | ug/L |   | 08/24/23 00:56 | 08/30/23 08:30 | 1       |
| Cadmium   | ND     |           | 0.50 | 0.15 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Calcium   | 370    |           | 120  | 50   | ug/L |   | 08/24/23 00:56 | 08/30/23 08:30 | 1       |
| Chromium  | ND     |           | 2.0  | 0.55 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Cobalt    | ND     |           | 0.50 | 0.16 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Copper    | 0.47   | J         | 1.0  | 0.36 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Iron      | 24     | J         | 50   | 20   | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Lead      | ND     |           | 0.50 | 0.12 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Magnesium | 56     |           | 50   | 16   | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Manganese | ND     |           | 2.0  | 0.95 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Nickel    | ND     |           | 1.0  | 0.40 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Potassium | ND     |           | 200  | 65   | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Selenium  | ND     |           | 1.0  | 0.28 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Silver    | ND     |           | 0.50 | 0.10 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Sodium    | 1200   | ^2        | 200  | 90   | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Thallium  | ND     |           | 0.50 | 0.13 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Zinc      | ND     |           | 10   | 4.0  | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |
| Vanadium  | ND     |           | 4.0  | 0.79 | ug/L |   | 08/24/23 00:56 | 08/28/23 19:56 | 1       |

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: EB2-20230822

Lab Sample ID: 410-140000-17

Date Collected: 08/22/23 14:10

Matrix: Water

Date Received: 08/23/23 10:02

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.20 | 0.079 | ug/L |   | 08/24/23 08:23 | 08/25/23 10:32 | 1       |

Client Sample ID: SS-5 (0.75-1)

Lab Sample ID: 410-140000-18

Date Collected: 08/22/23 12:40

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 74.2

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result      | Qualifier   | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|-------------|-------------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND          | cn          | 5.9 | 0.71 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| 1,1,2-Trichloroethane    | ND          | cn          | 5.9 | 0.59 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| 1,1-Dichloroethene       | ND          | cn          | 5.9 | 0.59 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| 1,2,4-Trichlorobenzene   | ND          | cn          | 12  | 5.9  | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| 1,2-Dichlorobenzene      | ND          | cn          | 5.9 | 0.83 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| 1,2-Dichloroethane       | ND          | cn          | 5.9 | 0.71 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| 1,2-Dichloropropane      | ND          | cn          | 5.9 | 0.59 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| 1,4-Dichlorobenzene      | ND          | cn          | 5.9 | 0.83 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| <b>Benzene</b>           | <b>0.88</b> | <b>J cn</b> | 5.9 | 0.59 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Bromodichloromethane     | ND          | cn          | 5.9 | 0.83 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Bromoform                | ND          | cn          | 12  | 5.9  | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Carbon tetrachloride     | ND          | cn          | 5.9 | 0.83 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Chlorobenzene            | ND          | cn          | 5.9 | 0.83 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Chloroform               | ND          | cn          | 5.9 | 0.71 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| cis-1,2-Dichloroethene   | ND          | cn          | 5.9 | 0.59 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Dibromochloromethane     | ND          | cn          | 5.9 | 0.59 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Ethylbenzene             | ND          | cn          | 5.9 | 0.83 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| m&p-Xylene               | ND          | cn          | 5.9 | 2.4  | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Methylene Chloride       | ND          | cn          | 5.9 | 2.4  | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| o-Xylene                 | ND          | cn          | 5.9 | 0.83 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Styrene                  | ND          | cn          | 5.9 | 0.83 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Tetrachloroethene        | ND          | cn          | 5.9 | 0.83 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Toluene                  | ND          | cn          | 5.9 | 0.71 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| trans-1,2-Dichloroethene | ND          | cn          | 5.9 | 0.59 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Trichloroethene          | ND          | cn          | 5.9 | 0.59 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Vinyl chloride           | ND          | cn          | 5.9 | 0.71 | ug/Kg | ✱ | 08/25/23 15:29 | 08/29/23 18:17 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Unknown                         | 25          | T J cn    | ug/Kg | ✱ | 3.53  | N/A     | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Hexanal                         | 28          | T J N cn  | ug/Kg | ✱ | 10.23 | 66-25-1 | 08/25/23 15:29 | 08/29/23 18:17 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 94        | cn        | 50 - 131 | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 112       | cn        | 54 - 135 | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Dibromofluoromethane (Surr)  | 106       | cn        | 50 - 141 | 08/25/23 15:29 | 08/29/23 18:17 | 1       |
| Toluene-d8 (Surr)            | 95        | cn        | 52 - 141 | 08/25/23 15:29 | 08/29/23 18:17 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 49 | 22  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 58 | 27  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 49 | 22  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 49 | 22  | ug/Kg | ✱ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-5 (0.75-1)

Lab Sample ID: 410-140000-18

Date Collected: 08/22/23 12:40

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 74.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 2,4-Dichlorophenol          | ND     |           | 58   | 27  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2,4-Dimethylphenol          | ND     |           | 49   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2,4-Dinitrophenol           | ND     |           | 1300 | 220 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2,4-Dinitrotoluene          | ND     |           | 220  | 45  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2,6-Dinitrotoluene          | ND     |           | 49   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2-Chloronaphthalene         | ND     |           | 45   | 18  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2-Chlorophenol              | ND     |           | 49   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2-Methylnaphthalene         | ND     |           | 22   | 6.7 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2-Methylphenol              | ND     |           | 67   | 27  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2-Nitroaniline              | ND     |           | 67   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2-Nitrophenol               | ND     |           | 67   | 27  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 220  | 45  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 3-Nitroaniline              | ND     |           | 220  | 45  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     |           | 670  | 220 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 49   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 67   | 27  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 4-Chloroaniline             | ND     |           | 220  | 45  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 49   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 4-Methylphenol              | 56 J   |           | 67   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 4-Nitroaniline              | ND     |           | 220  | 45  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 4-Nitrophenol               | ND     |           | 670  | 220 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Acenaphthene                | ND     |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Acenaphthylene              | ND     |           | 22   | 5.4 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Acetophenone                | 32 J   |           | 67   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Anthracene                  | ND     |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Atrazine                    | ND     |           | 220  | 90  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Benzaldehyde                | 160 J  |           | 220  | 45  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Benzo[a]anthracene          | ND     |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Benzo[a]pyrene              | ND     |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Benzo[b]fluoranthene        | 11 J   |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Butyl benzyl phthalate      | ND     |           | 220  | 90  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Caprolactam                 | ND     |           | 220  | 45  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Carbazole                   | ND     |           | 49   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Chrysene                    | 10 J   |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Di-n-butyl phthalate        | ND     |           | 220  | 90  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Di-n-octyl phthalate        | ND     |           | 220  | 90  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 22   | 9.0 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Dibenzofuran                | ND     |           | 49   | 22  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Diethyl phthalate           | ND     |           | 220  | 90  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Dimethyl phthalate          | ND     |           | 220  | 90  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Fluoranthene                | 13 J   |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Fluorene                    | ND     |           | 22   | 4.5 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Hexachlorobenzene           | ND     |           | 22   | 9.0 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Hexachlorobutadiene         | ND     |           | 67   | 27  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Hexachlorocyclopentadiene   | ND     | *+ cn     | 670  | 220 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Hexachloroethane            | ND     |           | 220  | 45  | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 22   | 5.4 | ug/Kg | ☆ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-5 (0.75-1)

Lab Sample ID: 410-140000-18

Date Collected: 08/22/23 12:40

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 74.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Isophorone                  | ND     |           | 90  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 90  | 45  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Naphthalene                 | ND     |           | 22  | 9.0 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Nitrobenzene                | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Pentachlorophenol           | ND     |           | 220 | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Phenanthrene                | 11     | J         | 22  | 5.4 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Phenol                      | 65     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Pyrene                      | 13     | J         | 22  | 4.5 | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 220 | 90  | ug/Kg | ☼ | 08/28/23 16:25 | 08/30/23 21:38 | 1       |

| Tentatively Identified Compound                    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.      | Prepared       | Analyzed       | Dil Fac |
|----------------------------------------------------|-------------|-----------|-------|---|-------|--------------|----------------|----------------|---------|
| Unknown                                            | 4500        | T J       | ug/Kg | ☼ | 3.12  | N/A          | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Furfural                                           | 2600        | T J N     | ug/Kg | ☼ | 3.67  | 98-01-1      | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Unknown                                            | 8900        | T J       | ug/Kg | ☼ | 3.78  | N/A          | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Benzoic acid, 4-hydroxy-3-methoxy-                 | 2100        | T J N     | ug/Kg | ☼ | 8.68  | 121-34-6     | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Unknown                                            | 7200        | T J       | ug/Kg | ☼ | 9.53  | N/A          | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| n-Hexadecanoic acid                                | 3000        | T J N     | ug/Kg | ☼ | 10.43 | 57-10-3      | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Unknown                                            | 2500        | T J       | ug/Kg | ☼ | 10.57 | N/A          | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Unknown                                            | 2500        | T J       | ug/Kg | ☼ | 10.65 | N/A          | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 9-Octadecenoic acid, (E)-                          | 3100        | T J N     | ug/Kg | ☼ | 11.12 | 112-79-8     | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Unknown                                            | 2700        | T J       | ug/Kg | ☼ | 13.02 | N/A          | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Unknown                                            | 2300        | T J       | ug/Kg | ☼ | 13.25 | N/A          | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Ethanol, 2-(tetradecyloxy)-                        | 4500        | T J N     | ug/Kg | ☼ | 13.68 | 2136-70-1    | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Cyclopentane, (4-octyldodecyl)-                    | 2300        | T J N     | ug/Kg | ☼ | 14.35 | 5638-09-5    | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Cyclohexane, 1,1'-(2-tridecyl-1,3-propanediyl)bis- | 2100        | T J N     | ug/Kg | ☼ | 15.15 | 55255-74-8   | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Stigmasterol, 22,23-dihydro-                       | 4100        | T J N     | ug/Kg | ☼ | 15.35 | 1000214-20-7 | 08/28/23 16:25 | 08/30/23 21:38 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 42        |           | 10 - 138 | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2-Fluorobiphenyl (Surr)     | 45        |           | 37 - 120 | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| 2-Fluorophenol (Surr)       | 44        |           | 22 - 120 | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Nitrobenzene-d5 (Surr)      | 44        |           | 26 - 120 | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| p-Terphenyl-d14 (Surr)      | 53        |           | 40 - 133 | 08/28/23 16:25 | 08/30/23 21:38 | 1       |
| Phenol-d5 (Surr)            | 46        |           | 27 - 120 | 08/28/23 16:25 | 08/30/23 21:38 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 25     |           | 6.5 | 2.6 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 10:37 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 29000  | ^2        | 130  | 65    | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 07:57 | 10      |
| Antimony  | 0.11   | J         | 0.26 | 0.10  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Arsenic   | 3.8    |           | 0.52 | 0.18  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Barium    | 220    |           | 0.52 | 0.24  | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Beryllium | 1.3    | B         | 0.13 | 0.031 | mg/Kg | ☼ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-5 (0.75-1)

Lab Sample ID: 410-140000-18

Date Collected: 08/22/23 12:40

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 74.2

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Cadmium   | 0.30   |           | 0.13 | 0.052 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Calcium   | 6700   |           | 52   | 26    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Chromium  | 45     |           | 0.52 | 0.25  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Cobalt    | 16     |           | 0.26 | 0.10  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Copper    | 24     |           | 0.52 | 0.24  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Iron      | 31000  |           | 130  | 60    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:57 | 10      |
| Lead      | 18     |           | 0.26 | 0.099 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Magnesium | 9300   |           | 13   | 6.4   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Manganese | 600    |           | 0.52 | 0.26  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Nickel    | 28     |           | 0.52 | 0.25  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Potassium | 5900   |           | 52   | 21    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Selenium  | 0.27   | J         | 0.52 | 0.13  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Silver    | 0.073  | J         | 0.13 | 0.053 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Sodium    | 260    |           | 65   | 31    | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Thallium  | 0.37   |           | 0.13 | 0.051 | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Zinc      | 96     |           | 39   | 5.2   | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |
| Vanadium  | 68     |           | 1.0  | 0.26  | mg/Kg | ✱ | 08/23/23 20:29 | 08/24/23 07:55 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.037  | J         | 0.075 | 0.025 | mg/Kg | ✱ | 08/23/23 22:39 | 08/24/23 11:43 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 25.8   |           | 1.0 | 1.0 | %    |   |          | 08/23/23 17:11 | 1       |

# Surrogate Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|-------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                   |                        | BFB<br>(50-131)                                | DCA<br>(54-135) | DBFM<br>(50-141) | TOL<br>(52-141) |
| 410-140000-1      | SS-3 (0-0.25)          | 96 cn                                          | 113 cn          | 108 cn           | 95 cn           |
| 410-140000-2      | SS-3 (0.75-1)          | 96 cn                                          | 111 cn          | 107 cn           | 96 cn           |
| 410-140000-3      | SS-2 (0-0.25)          | 94                                             | 112             | 107              | 98              |
| 410-140000-4      | SS-2 (0.75-1)          | 93                                             | 112             | 106              | 95              |
| 410-140000-5      | SS-1 (0-0.25)          | 95 cn                                          | 110 cn          | 106 cn           | 96 cn           |
| 410-140000-6      | SS-1 (0.75-1)          | 94 cn                                          | 109 cn          | 105 cn           | 95 cn           |
| 410-140000-7      | SS-7 (0-0.25)          | 95                                             | 111             | 108              | 95              |
| 410-140000-8      | SS-7 (0.75-1)          | 94 cn                                          | 109 cn          | 108 cn           | 94 cn           |
| 410-140000-9      | SS-8 (0-0.25)          | 93                                             | 110             | 107              | 97              |
| 410-140000-10     | SS-8 (0.75-1)          | 95                                             | 111             | 107              | 94              |
| 410-140000-12     | SS-9 (0-0.25)          | 93                                             | 110             | 107              | 96              |
| 410-140000-13     | SS-9 (0.75-1)          | 93 cn                                          | 114 cn          | 107 cn           | 94 cn           |
| 410-140000-14     | SS-5 (0-0.25)          | 95                                             | 115             | 107              | 94              |
| 410-140000-14 MS  | SS-5 (0-0.25)          | 96                                             | 110             | 105              | 97              |
| 410-140000-14 MSD | SS-5 (0-0.25)          | 96                                             | 112             | 107              | 97              |
| 410-140000-18     | SS-5 (0.75-1)          | 94 cn                                          | 112 cn          | 106 cn           | 95 cn           |
| LCS 410-413639/4  | Lab Control Sample     | 97                                             | 103             | 104              | 99              |
| LCSD 410-413639/5 | Lab Control Sample Dup | 95                                             | 104             | 104              | 96              |
| MB 410-413639/7   | Method Blank           | 93                                             | 106             | 107              | 97              |

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)  
DCA = 1,2-Dichloroethane-d4 (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------|--------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                  |                    | DCA<br>(80-120)                                | BFB<br>(80-120) | DBFM<br>(80-120) | TOL<br>(80-120) |
| 410-140000-11    | TB1-20230822       | 105                                            | 97              | 105              | 93              |
| 410-140000-15    | TB2-20230822       | 108                                            | 98              | 104              | 92              |
| 410-140000-16    | EB1-20230822       | 104                                            | 95              | 102              | 94              |
| 410-140000-17    | EB2-20230822       | 103                                            | 97              | 103              | 93              |
| LCS 410-413492/4 | Lab Control Sample | 104                                            | 100             | 100              | 96              |
| MB 410-413492/6  | Method Blank       | 107                                            | 98              | 102              | 93              |

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

# Surrogate Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Method: 8270E - Semivolatile Organic Compounds (GC/MS)**

**Matrix: Solid**

**Prep Type: Total/NA**

| Lab Sample ID      | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                    |                 |
|--------------------|--------------------|------------------------------------------------|-----------------|-----------------|-----------------|--------------------|-----------------|
|                    |                    | TBP<br>(10-138)                                | FBP<br>(37-120) | 2FP<br>(22-120) | NBZ<br>(26-120) | TPHd14<br>(40-133) | PHL<br>(27-120) |
| 410-140000-1       | SS-3 (0-0.25)      | 77                                             | 72              | 63              | 71              | 83                 | 68              |
| 410-140000-2       | SS-3 (0.75-1)      | 81                                             | 75              | 72              | 74              | 86                 | 75              |
| 410-140000-3       | SS-2 (0-0.25)      | 74                                             | 70              | 66              | 73              | 81                 | 70              |
| 410-140000-4       | SS-2 (0.75-1)      | 77                                             | 72              | 67              | 71              | 87                 | 69              |
| 410-140000-5       | SS-1 (0-0.25)      | 74                                             | 72              | 65              | 70              | 84                 | 67              |
| 410-140000-6       | SS-1 (0.75-1)      | 69                                             | 65              | 62              | 65              | 81                 | 65              |
| 410-140000-7       | SS-7 (0-0.25)      | 72                                             | 67              | 64              | 67              | 79                 | 67              |
| 410-140000-8       | SS-7 (0.75-1)      | 66                                             | 65              | 61              | 64              | 73                 | 62              |
| 410-140000-9       | SS-8 (0-0.25)      | 77                                             | 70              | 67              | 69              | 83                 | 69              |
| 410-140000-10      | SS-8 (0.75-1)      | 71                                             | 68              | 63              | 66              | 80                 | 65              |
| 410-140000-12      | SS-9 (0-0.25)      | 72                                             | 71              | 66              | 64              | 77                 | 71              |
| 410-140000-13      | SS-9 (0.75-1)      | 71                                             | 69              | 63              | 67              | 77                 | 65              |
| 410-140000-14      | SS-5 (0-0.25)      | 76                                             | 76              | 71              | 73              | 87                 | 75              |
| 410-140000-14 MS   | SS-5 (0-0.25)      | 64                                             | 64              | 59              | 61              | 75                 | 62              |
| 410-140000-14 MSD  | SS-5 (0-0.25)      | 77                                             | 73              | 69              | 69              | 81                 | 72              |
| 410-140000-18      | SS-5 (0.75-1)      | 42                                             | 45              | 44              | 44              | 53                 | 46              |
| LCS 410-413420/2-A | Lab Control Sample | 85                                             | 81              | 70              | 75              | 93                 | 73              |
| LCS 410-414990/2-A | Lab Control Sample | 83                                             | 79              | 76              | 76              | 93                 | 78              |
| MB 410-413420/1-A  | Method Blank       | 83                                             | 78              | 71              | 75              | 99                 | 73              |
| MB 410-414990/1-A  | Method Blank       | 79                                             | 75              | 74              | 73              | 93                 | 76              |

## Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)  
FBP = 2-Fluorobiphenyl (Surr)  
2FP = 2-Fluorophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
TPHd14 = p-Terphenyl-d14 (Surr)  
PHL = Phenol-d5 (Surr)

**Method: 8270E - Semivolatile Organic Compounds (GC/MS)**

**Matrix: Water**

**Prep Type: Total/NA**

| Lab Sample ID       | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                    |                 |                 |
|---------------------|------------------------|------------------------------------------------|-----------------|-----------------|--------------------|-----------------|-----------------|
|                     |                        | FBP<br>(44-120)                                | 2FP<br>(10-120) | NBZ<br>(31-120) | TPHd14<br>(30-125) | TBP<br>(13-138) | PHL<br>(10-120) |
| 410-140000-16       | EB1-20230822           | 64                                             | 42              | 77              | 65                 | 72              | 31              |
| 410-140000-17       | EB2-20230822           | 75                                             | 45              | 78              | 93                 | 71              | 30              |
| LCS 410-413148/2-A  | Lab Control Sample     | 78                                             | 55              | 77              | 83                 | 91              | 39              |
| LCS 410-413381/2-A  | Lab Control Sample     | 70                                             | 45              | 70              | 75                 | 69              | 32              |
| LCSD 410-413148/3-A | Lab Control Sample Dup | 67                                             | 60              | 76              | 79                 | 83              | 42              |
| LCSD 410-413381/3-A | Lab Control Sample Dup | 74                                             | 49              | 77              | 82                 | 76              | 36              |
| MB 410-413148/1-A   | Method Blank           | 61                                             | 44              | 74              | 76                 | 79              | 31              |
| MB 410-413381/1-A   | Method Blank           | 77                                             | 42              | 79              | 86                 | 77              | 30              |

## Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)  
2FP = 2-Fluorophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
TPHd14 = p-Terphenyl-d14 (Surr)  
TBP = 2,4,6-Tribromophenol (Surr)  
PHL = Phenol-d5 (Surr)

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 410-140000-14 MS

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 412678

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane    | ND            |                  | 21.0        | 17.0      |              | ug/Kg | ✱ | 81   | 69 - 123    |
| 1,1,2-Trichloroethane    | ND            | F1               | 21.0        | 15.9      | F1           | ug/Kg | ✱ | 76   | 80 - 120    |
| 1,1-Dichloroethene       | ND            |                  | 21.0        | 18.6      |              | ug/Kg | ✱ | 89   | 73 - 129    |
| 1,2,4-Trichlorobenzene   | ND            | F1               | 21.0        | 7.28      | J F1         | ug/Kg | ✱ | 35   | 56 - 130    |
| 1,2-Dichlorobenzene      | ND            | F1               | 21.0        | 9.35      | F1           | ug/Kg | ✱ | 45   | 76 - 120    |
| 1,2-Dichloroethane       | ND            |                  | 21.0        | 17.4      |              | ug/Kg | ✱ | 83   | 71 - 128    |
| 1,2-Dichloropropane      | ND            | F1               | 21.0        | 14.1      | F1           | ug/Kg | ✱ | 67   | 80 - 120    |
| 1,4-Dichlorobenzene      | ND            | F1               | 21.0        | 9.65      | F1           | ug/Kg | ✱ | 46   | 80 - 120    |
| Benzene                  | ND            | F1               | 21.0        | 15.9      | F1           | ug/Kg | ✱ | 76   | 80 - 120    |
| Bromodichloromethane     | ND            |                  | 21.0        | 15.1      |              | ug/Kg | ✱ | 72   | 70 - 120    |
| Bromoform                | ND            |                  | 21.0        | 16.0      |              | ug/Kg | ✱ | 76   | 51 - 127    |
| Carbon tetrachloride     | ND            |                  | 21.0        | 17.1      |              | ug/Kg | ✱ | 81   | 64 - 134    |
| Chlorobenzene            | ND            | F1               | 21.0        | 12.3      | F1           | ug/Kg | ✱ | 59   | 80 - 120    |
| Chloroform               | ND            | F1               | 21.0        | 15.9      | F1           | ug/Kg | ✱ | 76   | 80 - 120    |
| cis-1,2-Dichloroethene   | ND            |                  | 21.0        | 16.8      |              | ug/Kg | ✱ | 80   | 80 - 123    |
| Dibromochloromethane     | ND            |                  | 21.0        | 15.4      |              | ug/Kg | ✱ | 73   | 69 - 125    |
| Ethylbenzene             | ND            | F1               | 21.0        | 11.8      | F1           | ug/Kg | ✱ | 56   | 78 - 120    |
| m&p-Xylene               | ND            | F1               | 42.0        | 23.9      | F1           | ug/Kg | ✱ | 57   | 80 - 120    |
| Methylene Chloride       | ND            |                  | 21.0        | 16.3      |              | ug/Kg | ✱ | 77   | 76 - 122    |
| o-Xylene                 | ND            | F1               | 21.0        | 11.5      | F1           | ug/Kg | ✱ | 55   | 75 - 120    |
| Styrene                  | ND            | F1               | 21.0        | 11.0      | F1           | ug/Kg | ✱ | 52   | 76 - 120    |
| Tetrachloroethene        | ND            | F1               | 21.0        | 13.9      | F1           | ug/Kg | ✱ | 66   | 73 - 120    |
| Toluene                  | ND            | F1               | 21.0        | 13.6      | F1           | ug/Kg | ✱ | 65   | 80 - 120    |
| trans-1,2-Dichloroethene | ND            | F1               | 21.0        | 16.6      | F1           | ug/Kg | ✱ | 79   | 80 - 125    |
| Trichloroethene          | ND            | F1               | 21.0        | 15.2      | F1           | ug/Kg | ✱ | 72   | 80 - 120    |
| Vinyl chloride           | ND            |                  | 21.0        | 14.5      |              | ug/Kg | ✱ | 69   | 52 - 120    |

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |
|------------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr)  | 96           |              | 50 - 131 |
| 1,2-Dichloroethane-d4 (Surr) | 110          |              | 54 - 135 |
| Dibromofluoromethane (Surr)  | 105          |              | 50 - 141 |
| Toluene-d8 (Surr)            | 97           |              | 52 - 141 |

Lab Sample ID: 410-140000-14 MSD

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 412678

| Analyte                | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane  | ND            |                  | 20.7        | 18.7       |               | ug/Kg | ✱ | 90   | 69 - 123    | 10  | 30        |
| 1,1,2-Trichloroethane  | ND            | F1               | 20.7        | 17.0       |               | ug/Kg | ✱ | 82   | 80 - 120    | 7   | 30        |
| 1,1-Dichloroethene     | ND            |                  | 20.7        | 19.4       |               | ug/Kg | ✱ | 94   | 73 - 129    | 4   | 30        |
| 1,2,4-Trichlorobenzene | ND            | F1               | 20.7        | 9.29       | J F1          | ug/Kg | ✱ | 45   | 56 - 130    | 24  | 30        |
| 1,2-Dichlorobenzene    | ND            | F1               | 20.7        | 12.1       | F1            | ug/Kg | ✱ | 58   | 76 - 120    | 25  | 30        |
| 1,2-Dichloroethane     | ND            |                  | 20.7        | 18.0       |               | ug/Kg | ✱ | 87   | 71 - 128    | 3   | 30        |
| 1,2-Dichloropropane    | ND            | F1               | 20.7        | 15.8       | F1            | ug/Kg | ✱ | 76   | 80 - 120    | 11  | 30        |
| 1,4-Dichlorobenzene    | ND            | F1               | 20.7        | 12.3       | F1            | ug/Kg | ✱ | 59   | 80 - 120    | 24  | 30        |
| Benzene                | ND            | F1               | 20.7        | 17.3       |               | ug/Kg | ✱ | 83   | 80 - 120    | 8   | 30        |
| Bromodichloromethane   | ND            |                  | 20.7        | 16.9       |               | ug/Kg | ✱ | 81   | 70 - 120    | 11  | 30        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-140000-14 MSD

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 412678

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Bromoform                | ND            |                  | 20.7        | 17.8       |               | ug/Kg | ✱ | 86   | 51 - 127    | 11  | 30        |
| Carbon tetrachloride     | ND            |                  | 20.7        | 18.8       |               | ug/Kg | ✱ | 91   | 64 - 134    | 10  | 30        |
| Chlorobenzene            | ND            | F1               | 20.7        | 14.3       | F1            | ug/Kg | ✱ | 69   | 80 - 120    | 15  | 30        |
| Chloroform               | ND            | F1               | 20.7        | 17.6       |               | ug/Kg | ✱ | 85   | 80 - 120    | 10  | 30        |
| cis-1,2-Dichloroethene   | ND            |                  | 20.7        | 18.0       |               | ug/Kg | ✱ | 87   | 80 - 123    | 7   | 30        |
| Dibromochloromethane     | ND            |                  | 20.7        | 16.9       |               | ug/Kg | ✱ | 81   | 69 - 125    | 9   | 30        |
| Ethylbenzene             | ND            | F1               | 20.7        | 14.4       | F1            | ug/Kg | ✱ | 69   | 78 - 120    | 20  | 30        |
| m&p-Xylene               | ND            | F1               | 41.4        | 29.6       | F1            | ug/Kg | ✱ | 71   | 80 - 120    | 21  | 30        |
| Methylene Chloride       | ND            |                  | 20.7        | 17.5       |               | ug/Kg | ✱ | 84   | 76 - 122    | 7   | 30        |
| o-Xylene                 | ND            | F1               | 20.7        | 14.2       | F1            | ug/Kg | ✱ | 69   | 75 - 120    | 21  | 30        |
| Styrene                  | ND            | F1               | 20.7        | 13.5       | F1            | ug/Kg | ✱ | 65   | 76 - 120    | 20  | 30        |
| Tetrachloroethene        | ND            | F1               | 20.7        | 16.6       |               | ug/Kg | ✱ | 80   | 73 - 120    | 17  | 30        |
| Toluene                  | ND            | F1               | 20.7        | 15.5       | F1            | ug/Kg | ✱ | 75   | 80 - 120    | 13  | 30        |
| trans-1,2-Dichloroethene | ND            | F1               | 20.7        | 18.1       |               | ug/Kg | ✱ | 87   | 80 - 125    | 9   | 30        |
| Trichloroethene          | ND            | F1               | 20.7        | 16.7       |               | ug/Kg | ✱ | 80   | 80 - 120    | 9   | 30        |
| Vinyl chloride           | ND            |                  | 20.7        | 16.3       |               | ug/Kg | ✱ | 79   | 52 - 120    | 12  | 30        |

| Surrogate                    | MSD %Recovery | MSD Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr)  | 96            |               | 50 - 131 |
| 1,2-Dichloroethane-d4 (Surr) | 112           |               | 54 - 135 |
| Dibromofluoromethane (Surr)  | 107           |               | 50 - 141 |
| Toluene-d8 (Surr)            | 97            |               | 52 - 141 |

Lab Sample ID: MB 410-413492/6

Matrix: Water

Analysis Batch: 413492

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane  | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| 1,1,2-Trichloroethane  | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| 1,1-Dichloroethene     | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| 1,2,4-Trichlorobenzene | ND        |              | 5.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| 1,2-Dichlorobenzene    | ND        |              | 5.0 | 0.20 | ug/L |   |          | 08/28/23 21:47 | 1       |
| 1,2-Dichloroethane     | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| 1,2-Dichloropropane    | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| 1,4-Dichlorobenzene    | ND        |              | 5.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Benzene                | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Bromodichloromethane   | ND        |              | 1.0 | 0.20 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Bromoform              | ND        |              | 4.0 | 1.0  | ug/L |   |          | 08/28/23 21:47 | 1       |
| Carbon tetrachloride   | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Chlorobenzene          | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Chloroform             | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| cis-1,2-Dichloroethene | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Dibromochloromethane   | ND        |              | 1.0 | 0.20 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Ethylbenzene           | ND        |              | 1.0 | 0.40 | ug/L |   |          | 08/28/23 21:47 | 1       |
| m&p-Xylene             | ND        |              | 5.0 | 2.0  | ug/L |   |          | 08/28/23 21:47 | 1       |
| Methylene Chloride     | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| o-Xylene               | ND        |              | 1.0 | 0.40 | ug/L |   |          | 08/28/23 21:47 | 1       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-413492/6

Matrix: Water

Analysis Batch: 413492

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                  | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| Styrene                  | ND        |              | 5.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Tetrachloroethene        | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Toluene                  | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| trans-1,2-Dichloroethene | ND        |              | 2.0 | 0.70 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Trichloroethene          | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |
| Vinyl chloride           | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/28/23 21:47 | 1       |

| Tentatively Identified Compound | MB Est. Result | MB Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|----------------|--------------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None           |              | ug/L |   |    | N/A     |          | 08/28/23 21:47 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 107          |              | 80 - 120 |          | 08/28/23 21:47 | 1       |
| 4-Bromofluorobenzene (Surr)  | 98           |              | 80 - 120 |          | 08/28/23 21:47 | 1       |
| Dibromofluoromethane (Surr)  | 102          |              | 80 - 120 |          | 08/28/23 21:47 | 1       |
| Toluene-d8 (Surr)            | 93           |              | 80 - 120 |          | 08/28/23 21:47 | 1       |

Lab Sample ID: LCS 410-413492/4

Matrix: Water

Analysis Batch: 413492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1-Trichloroethane    | 20.0        | 18.0       |               | ug/L |   | 90   | 67 - 126    |
| 1,1,2-Trichloroethane    | 20.0        | 19.2       |               | ug/L |   | 96   | 80 - 120    |
| 1,1-Dichloroethene       | 20.0        | 18.4       |               | ug/L |   | 92   | 80 - 131    |
| 1,2,4-Trichlorobenzene   | 20.0        | 16.1       |               | ug/L |   | 81   | 63 - 120    |
| 1,2-Dichlorobenzene      | 20.0        | 17.4       |               | ug/L |   | 87   | 80 - 120    |
| 1,2-Dichloroethane       | 20.0        | 17.2       |               | ug/L |   | 86   | 73 - 124    |
| 1,2-Dichloropropane      | 20.0        | 20.2       |               | ug/L |   | 101  | 80 - 120    |
| 1,4-Dichlorobenzene      | 20.0        | 19.7       |               | ug/L |   | 98   | 80 - 120    |
| Benzene                  | 20.0        | 20.9       |               | ug/L |   | 104  | 80 - 120    |
| Bromodichloromethane     | 20.0        | 19.8       |               | ug/L |   | 99   | 71 - 120    |
| Bromoform                | 20.0        | 19.5       |               | ug/L |   | 98   | 51 - 120    |
| Carbon tetrachloride     | 20.0        | 18.7       |               | ug/L |   | 94   | 64 - 134    |
| Chlorobenzene            | 20.0        | 19.3       |               | ug/L |   | 97   | 80 - 120    |
| Chloroform               | 20.0        | 18.9       |               | ug/L |   | 95   | 80 - 120    |
| cis-1,2-Dichloroethene   | 20.0        | 20.3       |               | ug/L |   | 102  | 80 - 125    |
| Dibromochloromethane     | 20.0        | 18.8       |               | ug/L |   | 94   | 71 - 120    |
| Ethylbenzene             | 20.0        | 18.8       |               | ug/L |   | 94   | 80 - 120    |
| m&p-Xylene               | 40.0        | 38.1       |               | ug/L |   | 95   | 80 - 120    |
| Methylene Chloride       | 20.0        | 18.7       |               | ug/L |   | 94   | 80 - 120    |
| o-Xylene                 | 20.0        | 18.2       |               | ug/L |   | 91   | 80 - 120    |
| Styrene                  | 20.0        | 19.1       |               | ug/L |   | 95   | 80 - 120    |
| Tetrachloroethene        | 20.0        | 18.1       |               | ug/L |   | 90   | 80 - 120    |
| Toluene                  | 20.0        | 18.8       |               | ug/L |   | 94   | 80 - 120    |
| trans-1,2-Dichloroethene | 20.0        | 19.1       |               | ug/L |   | 96   | 80 - 126    |
| Trichloroethene          | 20.0        | 19.6       |               | ug/L |   | 98   | 80 - 120    |
| Vinyl chloride           | 20.0        | 22.4       |               | ug/L |   | 112  | 56 - 120    |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-413492/4

Matrix: Water

Analysis Batch: 413492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

|                              | LCS       | LCS       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 80 - 120 |
| Dibromofluoromethane (Surr)  | 100       |           | 80 - 120 |
| Toluene-d8 (Surr)            | 96        |           | 80 - 120 |

Lab Sample ID: MB 410-413639/7

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: Method Blank

Prep Type: Total/NA

|                          | MB     | MB        |     |      |       |   |          |                |         |
|--------------------------|--------|-----------|-----|------|-------|---|----------|----------------|---------|
| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
| 1,1,1-Trichloroethane    | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,1-Dichloroethene       | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 10  | 5.0  | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,2-Dichloroethane       | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,2-Dichloropropane      | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Benzene                  | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Bromodichloromethane     | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Bromoform                | ND     |           | 10  | 5.0  | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Carbon tetrachloride     | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Chlorobenzene            | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Chloroform               | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Dibromochloromethane     | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Ethylbenzene             | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Methylene Chloride       | ND     |           | 5.0 | 2.0  | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| o-Xylene                 | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Tetrachloroethene        | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Toluene                  | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Trichloroethene          | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Vinyl chloride           | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |

|                                 | MB          | MB        |       |   |    |         |          |                |         |
|---------------------------------|-------------|-----------|-------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
| Tentatively Identified Compound | None        |           | ug/Kg |   |    | N/A     |          | 08/29/23 11:39 | 1       |

|                              | MB        | MB        |          |  |  |  |          |                |         |
|------------------------------|-----------|-----------|----------|--|--|--|----------|----------------|---------|
| Surrogate                    | %Recovery | Qualifier | Limits   |  |  |  | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 106       |           | 54 - 135 |  |  |  |          | 08/29/23 11:39 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93        |           | 50 - 131 |  |  |  |          | 08/29/23 11:39 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 50 - 141 |  |  |  |          | 08/29/23 11:39 | 1       |
| Toluene-d8 (Surr)            | 97        |           | 52 - 141 |  |  |  |          | 08/29/23 11:39 | 1       |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-413639/4

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane    | 20.0        | 19.0       |               | ug/Kg |   | 95   | 69 - 123    |
| 1,1,2-Trichloroethane    | 20.0        | 18.6       |               | ug/Kg |   | 93   | 80 - 120    |
| 1,1-Dichloroethene       | 20.0        | 20.1       |               | ug/Kg |   | 101  | 73 - 129    |
| 1,2,4-Trichlorobenzene   | 20.0        | 18.7       |               | ug/Kg |   | 93   | 56 - 130    |
| 1,2-Dichlorobenzene      | 20.0        | 18.3       |               | ug/Kg |   | 92   | 76 - 120    |
| 1,2-Dichloroethane       | 20.0        | 18.9       |               | ug/Kg |   | 94   | 71 - 128    |
| 1,2-Dichloropropane      | 20.0        | 16.8       |               | ug/Kg |   | 84   | 80 - 120    |
| 1,4-Dichlorobenzene      | 20.0        | 18.9       |               | ug/Kg |   | 95   | 80 - 120    |
| Benzene                  | 20.0        | 18.4       |               | ug/Kg |   | 92   | 80 - 120    |
| Bromodichloromethane     | 20.0        | 18.7       |               | ug/Kg |   | 93   | 70 - 120    |
| Bromoform                | 20.0        | 22.2       |               | ug/Kg |   | 111  | 51 - 127    |
| Carbon tetrachloride     | 20.0        | 19.0       |               | ug/Kg |   | 95   | 64 - 134    |
| Chlorobenzene            | 20.0        | 17.9       |               | ug/Kg |   | 90   | 80 - 120    |
| Chloroform               | 20.0        | 18.3       |               | ug/Kg |   | 92   | 80 - 120    |
| cis-1,2-Dichloroethene   | 20.0        | 19.1       |               | ug/Kg |   | 96   | 80 - 125    |
| Dibromochloromethane     | 20.0        | 19.2       |               | ug/Kg |   | 96   | 69 - 125    |
| Ethylbenzene             | 20.0        | 17.4       |               | ug/Kg |   | 87   | 78 - 120    |
| m&p-Xylene               | 40.0        | 36.2       |               | ug/Kg |   | 90   | 80 - 120    |
| Methylene Chloride       | 20.0        | 18.8       |               | ug/Kg |   | 94   | 76 - 122    |
| o-Xylene                 | 20.0        | 18.0       |               | ug/Kg |   | 90   | 75 - 120    |
| Styrene                  | 20.0        | 17.8       |               | ug/Kg |   | 89   | 76 - 120    |
| Tetrachloroethene        | 20.0        | 19.2       |               | ug/Kg |   | 96   | 73 - 120    |
| Toluene                  | 20.0        | 17.5       |               | ug/Kg |   | 88   | 80 - 120    |
| trans-1,2-Dichloroethene | 20.0        | 18.9       |               | ug/Kg |   | 95   | 80 - 126    |
| Trichloroethene          | 20.0        | 18.5       |               | ug/Kg |   | 93   | 80 - 120    |
| Vinyl chloride           | 20.0        | 17.6       |               | ug/Kg |   | 88   | 52 - 120    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 103           |               | 54 - 135 |
| 4-Bromofluorobenzene (Surr)  | 97            |               | 50 - 131 |
| Dibromofluoromethane (Surr)  | 104           |               | 50 - 141 |
| Toluene-d8 (Surr)            | 99            |               | 52 - 141 |

Lab Sample ID: LCSD 410-413639/5

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane  | 20.0        | 18.2        |                | ug/Kg |   | 91   | 69 - 123    | 4   | 30        |
| 1,1,2-Trichloroethane  | 20.0        | 18.1        |                | ug/Kg |   | 91   | 80 - 120    | 3   | 30        |
| 1,1-Dichloroethene     | 20.0        | 19.3        |                | ug/Kg |   | 97   | 73 - 129    | 4   | 30        |
| 1,2,4-Trichlorobenzene | 20.0        | 20.1        |                | ug/Kg |   | 100  | 56 - 130    | 7   | 30        |
| 1,2-Dichlorobenzene    | 20.0        | 19.2        |                | ug/Kg |   | 96   | 76 - 120    | 5   | 30        |
| 1,2-Dichloroethane     | 20.0        | 18.0        |                | ug/Kg |   | 90   | 71 - 128    | 5   | 30        |
| 1,2-Dichloropropane    | 20.0        | 16.8        |                | ug/Kg |   | 84   | 80 - 120    | 0   | 30        |
| 1,4-Dichlorobenzene    | 20.0        | 19.9        |                | ug/Kg |   | 100  | 80 - 120    | 5   | 30        |
| Benzene                | 20.0        | 17.8        |                | ug/Kg |   | 89   | 80 - 120    | 4   | 30        |
| Bromodichloromethane   | 20.0        | 18.3        |                | ug/Kg |   | 91   | 70 - 120    | 2   | 30        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-413639/5

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Bromofom                 | 20.0        | 21.5        |                | ug/Kg |   | 107  | 51 - 127    | 3   | 30        |
| Carbon tetrachloride     | 20.0        | 18.5        |                | ug/Kg |   | 92   | 64 - 134    | 3   | 30        |
| Chlorobenzene            | 20.0        | 17.5        |                | ug/Kg |   | 88   | 80 - 120    | 2   | 30        |
| Chloroform               | 20.0        | 17.7        |                | ug/Kg |   | 88   | 80 - 120    | 4   | 30        |
| cis-1,2-Dichloroethene   | 20.0        | 18.8        |                | ug/Kg |   | 94   | 80 - 125    | 1   | 30        |
| Dibromochloromethane     | 20.0        | 18.9        |                | ug/Kg |   | 95   | 69 - 125    | 2   | 30        |
| Ethylbenzene             | 20.0        | 17.4        |                | ug/Kg |   | 87   | 78 - 120    | 0   | 30        |
| m&p-Xylene               | 40.0        | 36.7        |                | ug/Kg |   | 92   | 80 - 120    | 1   | 30        |
| Methylene Chloride       | 20.0        | 18.2        |                | ug/Kg |   | 91   | 76 - 122    | 3   | 30        |
| o-Xylene                 | 20.0        | 17.9        |                | ug/Kg |   | 90   | 75 - 120    | 1   | 30        |
| Styrene                  | 20.0        | 17.5        |                | ug/Kg |   | 88   | 76 - 120    | 1   | 30        |
| Tetrachloroethene        | 20.0        | 18.7        |                | ug/Kg |   | 94   | 73 - 120    | 2   | 30        |
| Toluene                  | 20.0        | 16.9        |                | ug/Kg |   | 84   | 80 - 120    | 4   | 30        |
| trans-1,2-Dichloroethene | 20.0        | 18.3        |                | ug/Kg |   | 91   | 80 - 126    | 4   | 30        |
| Trichloroethene          | 20.0        | 17.4        |                | ug/Kg |   | 87   | 80 - 120    | 6   | 30        |
| Vinyl chloride           | 20.0        | 16.8        |                | ug/Kg |   | 84   | 52 - 120    | 5   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 104            |                | 54 - 135 |
| 4-Bromofluorobenzene (Surr)  | 95             |                | 50 - 131 |
| Dibromofluoromethane (Surr)  | 104            |                | 50 - 141 |
| Toluene-d8 (Surr)            | 96             |                | 52 - 141 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-413148/1-A

Matrix: Water

Analysis Batch: 413455

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413148

| Analyte                      | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2,4,5-Trichlorophenol        | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2,4,6-Trichlorophenol        | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2,4-Dichlorophenol           | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2,4-Dimethylphenol           | ND        |              | 10   | 3.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2,4-Dinitrophenol            | ND        |              | 30   | 14   | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2,4-Dinitrotoluene           | ND        |              | 5.0  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2,6-Dinitrotoluene           | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2-Chloronaphthalene          | ND        |              | 1.0  | 0.40 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2-Chlorophenol               | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2-Methylnaphthalene          | ND        |              | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2-Methylphenol               | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2-Nitroaniline               | ND        |              | 5.0  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2-Nitrophenol                | ND        |              | 5.0  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 3,3'-Dichlorobenzidine       | ND        |              | 10   | 4.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 3-Nitroaniline               | ND        |              | 5.0  | 2.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND        |              | 21   | 8.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 4-Bromophenyl phenyl ether   | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-413148/1-A

Matrix: Water

Analysis Batch: 413455

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413148

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|------|------|---|----------------|----------------|---------|
| 4-Chloro-3-methylphenol     | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 4-Chloroaniline             | ND           |                 | 10   | 4.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 4-Chlorophenyl phenyl ether | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 4-Methylphenol              | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 4-Nitroaniline              | ND           |                 | 3.0  | 0.90 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 4-Nitrophenol               | ND           |                 | 30   | 10   | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Acenaphthene                | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Acenaphthylene              | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Acetophenone                | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Anthracene                  | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Atrazine                    | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Benzaldehyde                | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Benzo[a]anthracene          | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Benzo[a]pyrene              | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Benzo[b]fluoranthene        | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Benzo[g,h,i]perylene        | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Benzo[k]fluoranthene        | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Butyl benzyl phthalate      | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Caprolactam                 | ND           |                 | 7.0  | 3.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Carbazole                   | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Chrysene                    | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Di-n-butyl phthalate        | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Di-n-octyl phthalate        | ND           |                 | 11   | 5.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Dibenz(a,h)anthracene       | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Dibenzofuran                | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Diethyl phthalate           | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Dimethyl phthalate          | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Fluoranthene                | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Fluorene                    | ND           |                 | 0.50 | 0.12 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Hexachlorobenzene           | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Hexachlorobutadiene         | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Hexachlorocyclopentadiene   | ND           |                 | 11   | 5.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Hexachloroethane            | ND           |                 | 5.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Isophorone                  | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| N-Nitrosodi-n-propylamine   | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Bis(2-chloroethoxy)methane  | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| N-Nitrosodiphenylamine      | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Bis(2-chloroethyl)ether     | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Naphthalene                 | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Bis(2-ethylhexyl) phthalate | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Nitrobenzene                | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Pentachlorophenol           | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Phenanthrene                | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Phenol                      | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Pyrene                      | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 08:34 | 08/28/23 19:34 | 1       |



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-413148/1-A

Matrix: Water

Analysis Batch: 413455

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413148

| Tentatively Identified Compound | MB          | MB        | Unit | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|------|---------|----------------|----------------|---------|
|                                 | Est. Result | Qualifier |      |   |      |         |                |                |         |
| Unknown                         | 7.53        | T J       | ug/L |   | 1.26 | N/A     | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Unknown                         | 4.65        | T J       | ug/L |   | 3.11 | N/A     | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Unknown                         | 18.8        | T J       | ug/L |   | 3.44 | N/A     | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Unknown                         | 6.83        | T J       | ug/L |   | 3.55 | N/A     | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Unknown                         | 8.72        | T J       | ug/L |   | 3.71 | N/A     | 08/28/23 08:34 | 08/28/23 19:34 | 1       |

| Surrogate                   | MB        | MB        | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
|                             | %Recovery | Qualifier |          |                |                |         |
| 2-Fluorobiphenyl (Surr)     | 61        |           | 44 - 120 | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2-Fluorophenol (Surr)       | 44        |           | 10 - 120 | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Nitrobenzene-d5 (Surr)      | 74        |           | 31 - 120 | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| 2,4,6-Tribromophenol (Surr) | 79        |           | 13 - 138 | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| p-Terphenyl-d14 (Surr)      | 76        |           | 30 - 125 | 08/28/23 08:34 | 08/28/23 19:34 | 1       |
| Phenol-d5 (Surr)            | 31        |           | 10 - 120 | 08/28/23 08:34 | 08/28/23 19:34 | 1       |

Lab Sample ID: LCS 410-413148/2-A

Matrix: Water

Analysis Batch: 413455

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 413148

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
|                              |             |            |               |      |   |      |             |
| 1,1'-Biphenyl                | 50.0        | 50.8       |               | ug/L |   | 102  | 55 - 120    |
| 2,2'-oxybis[1-chloropropane] | 50.0        | 50.0       |               | ug/L |   | 100  | 43 - 121    |
| 2,4,5-Trichlorophenol        | 50.0        | 61.2       |               | ug/L |   | 122  | 60 - 136    |
| 2,4,6-Trichlorophenol        | 50.0        | 60.8       |               | ug/L |   | 122  | 63 - 133    |
| 2,4-Dichlorophenol           | 50.0        | 58.6       |               | ug/L |   | 117  | 60 - 127    |
| 2,4-Dimethylphenol           | 50.0        | 48.3       |               | ug/L |   | 97   | 62 - 120    |
| 2,4-Dinitrophenol            | 100         | 97.8       |               | ug/L |   | 98   | 36 - 147    |
| 2,4-Dinitrotoluene           | 50.0        | 56.8       |               | ug/L |   | 114  | 66 - 131    |
| 2,6-Dinitrotoluene           | 50.0        | 57.9       |               | ug/L |   | 116  | 66 - 129    |
| 2-Chloronaphthalene          | 50.0        | 54.5       |               | ug/L |   | 109  | 51 - 120    |
| 2-Chlorophenol               | 50.0        | 48.4       |               | ug/L |   | 97   | 57 - 120    |
| 2-Methylnaphthalene          | 50.0        | 50.9       |               | ug/L |   | 102  | 53 - 120    |
| 2-Methylphenol               | 50.0        | 46.9       |               | ug/L |   | 94   | 58 - 120    |
| 2-Nitroaniline               | 50.0        | 54.0       |               | ug/L |   | 108  | 63 - 134    |
| 2-Nitrophenol                | 50.0        | 51.5       |               | ug/L |   | 103  | 57 - 127    |
| 3,3'-Dichlorobenzidine       | 100         | 88.2       |               | ug/L |   | 88   | 31 - 120    |
| 3-Nitroaniline               | 50.0        | 52.0       |               | ug/L |   | 104  | 44 - 125    |
| 4,6-Dinitro-2-methylphenol   | 100         | 124        |               | ug/L |   | 124  | 54 - 148    |
| 4-Bromophenyl phenyl ether   | 50.0        | 57.5       |               | ug/L |   | 115  | 66 - 120    |
| 4-Chloro-3-methylphenol      | 50.0        | 51.1       |               | ug/L |   | 102  | 57 - 129    |
| 4-Chloroaniline              | 50.0        | 44.7       |               | ug/L |   | 89   | 33 - 120    |
| 4-Chlorophenyl phenyl ether  | 50.0        | 53.1       |               | ug/L |   | 106  | 59 - 120    |
| 4-Methylphenol               | 50.0        | 39.4       |               | ug/L |   | 79   | 49 - 120    |
| 4-Nitroaniline               | 50.0        | 55.4       |               | ug/L |   | 111  | 55 - 126    |
| 4-Nitrophenol                | 100         | 76.5       |               | ug/L |   | 76   | 17 - 120    |
| Acenaphthene                 | 50.0        | 52.4       |               | ug/L |   | 105  | 59 - 120    |
| Acenaphthylene               | 50.0        | 54.7       |               | ug/L |   | 109  | 61 - 121    |
| Acetophenone                 | 50.0        | 48.4       |               | ug/L |   | 97   | 60 - 120    |
| Anthracene                   | 50.0        | 57.2       |               | ug/L |   | 114  | 67 - 123    |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-413148/2-A

Matrix: Water

Analysis Batch: 413455

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 413148

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Atrazine                    | 50.0        | 58.8       |               | ug/L |   | 118  | 53 - 126    |
| Benzaldehyde                | 50.0        | 50.5       |               | ug/L |   | 101  | 36 - 120    |
| Benzo[a]anthracene          | 50.0        | 57.5       |               | ug/L |   | 115  | 66 - 133    |
| Benzo[a]pyrene              | 50.0        | 57.4       |               | ug/L |   | 115  | 64 - 131    |
| Benzo[b]fluoranthene        | 50.0        | 48.1       |               | ug/L |   | 96   | 64 - 124    |
| Benzo[g,h,i]perylene        | 50.0        | 53.8       |               | ug/L |   | 108  | 60 - 136    |
| Benzo[k]fluoranthene        | 50.0        | 50.2       |               | ug/L |   | 100  | 67 - 132    |
| Butyl benzyl phthalate      | 50.0        | 45.5       |               | ug/L |   | 91   | 30 - 128    |
| Caprolactam                 | 50.0        | 13.9       |               | ug/L |   | 28   | 12 - 120    |
| Carbazole                   | 50.0        | 56.6       |               | ug/L |   | 113  | 65 - 135    |
| Chrysene                    | 50.0        | 55.6       |               | ug/L |   | 111  | 70 - 128    |
| Di-n-butyl phthalate        | 50.0        | 53.3       |               | ug/L |   | 107  | 58 - 132    |
| Di-n-octyl phthalate        | 50.0        | 43.9       |               | ug/L |   | 88   | 52 - 146    |
| Dibenz(a,h)anthracene       | 50.0        | 53.3       |               | ug/L |   | 107  | 59 - 135    |
| Dibenzofuran                | 50.0        | 53.0       |               | ug/L |   | 106  | 63 - 120    |
| Diethyl phthalate           | 50.0        | 51.0       |               | ug/L |   | 102  | 46 - 123    |
| Dimethyl phthalate          | 50.0        | 44.5       |               | ug/L |   | 89   | 10 - 135    |
| Fluoranthene                | 50.0        | 57.5       |               | ug/L |   | 115  | 70 - 128    |
| Fluorene                    | 50.0        | 51.8       |               | ug/L |   | 104  | 66 - 120    |
| Hexachlorobenzene           | 50.0        | 56.3       |               | ug/L |   | 113  | 61 - 126    |
| Hexachlorobutadiene         | 50.0        | 45.9       |               | ug/L |   | 92   | 10 - 120    |
| Hexachlorocyclopentadiene   | 50.0        | 21.3       |               | ug/L |   | 43   | 10 - 120    |
| Hexachloroethane            | 50.0        | 40.3       |               | ug/L |   | 81   | 16 - 120    |
| Indeno[1,2,3-cd]pyrene      | 50.0        | 54.8       |               | ug/L |   | 110  | 55 - 134    |
| Isophorone                  | 50.0        | 51.1       |               | ug/L |   | 102  | 63 - 124    |
| N-Nitrosodi-n-propylamine   | 50.0        | 44.8       |               | ug/L |   | 90   | 57 - 120    |
| Bis(2-chloroethoxy)methane  | 50.0        | 53.3       |               | ug/L |   | 107  | 61 - 123    |
| N-Nitrosodiphenylamine      | 42.5        | 48.0       |               | ug/L |   | 113  | 64 - 130    |
| Bis(2-chloroethyl)ether     | 50.0        | 45.0       |               | ug/L |   | 90   | 62 - 120    |
| Naphthalene                 | 50.0        | 47.9       |               | ug/L |   | 96   | 55 - 120    |
| Bis(2-ethylhexyl) phthalate | 50.0        | 48.9       |               | ug/L |   | 98   | 60 - 133    |
| Nitrobenzene                | 50.0        | 49.9       |               | ug/L |   | 100  | 59 - 120    |
| Pentachlorophenol           | 100         | 145        | *+            | ug/L |   | 145  | 51 - 138    |
| Phenanthrene                | 50.0        | 58.1       |               | ug/L |   | 116  | 66 - 120    |
| Phenol                      | 50.0        | 26.6       |               | ug/L |   | 53   | 22 - 120    |
| Pyrene                      | 50.0        | 52.6       |               | ug/L |   | 105  | 67 - 126    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2-Fluorobiphenyl (Surr)     | 78            |               | 44 - 120 |
| 2-Fluorophenol (Surr)       | 55            |               | 10 - 120 |
| Nitrobenzene-d5 (Surr)      | 77            |               | 31 - 120 |
| 2,4,6-Tribromophenol (Surr) | 91            |               | 13 - 138 |
| p-Terphenyl-d14 (Surr)      | 83            |               | 30 - 125 |
| Phenol-d5 (Surr)            | 39            |               | 10 - 120 |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 410-413148/3-A

Matrix: Water

Analysis Batch: 413455

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 413148

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits |  | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|--|-----|-----------|
|                              |             |             |                |      |   |      |             |  |     |           |
| 1,1'-Biphenyl                | 50.0        | 45.3        |                | ug/L |   | 91   | 55 - 120    |  | 12  | 30        |
| 2,2'-oxybis[1-chloropropane] | 50.0        | 50.8        |                | ug/L |   | 102  | 43 - 121    |  | 1   | 30        |
| 2,4,5-Trichlorophenol        | 50.0        | 56.2        |                | ug/L |   | 112  | 60 - 136    |  | 9   | 30        |
| 2,4,6-Trichlorophenol        | 50.0        | 59.6        |                | ug/L |   | 119  | 63 - 133    |  | 2   | 30        |
| 2,4-Dichlorophenol           | 50.0        | 62.6        |                | ug/L |   | 125  | 60 - 127    |  | 7   | 30        |
| 2,4-Dimethylphenol           | 50.0        | 51.5        |                | ug/L |   | 103  | 62 - 120    |  | 7   | 30        |
| 2,4-Dinitrophenol            | 100         | 98.2        |                | ug/L |   | 98   | 36 - 147    |  | 0   | 30        |
| 2,4-Dinitrotoluene           | 50.0        | 50.6        |                | ug/L |   | 101  | 66 - 131    |  | 12  | 30        |
| 2,6-Dinitrotoluene           | 50.0        | 49.9        |                | ug/L |   | 100  | 66 - 129    |  | 15  | 30        |
| 2-Chloronaphthalene          | 50.0        | 50.4        |                | ug/L |   | 101  | 51 - 120    |  | 8   | 30        |
| 2-Chlorophenol               | 50.0        | 48.0        |                | ug/L |   | 96   | 57 - 120    |  | 1   | 30        |
| 2-Methylnaphthalene          | 50.0        | 50.7        |                | ug/L |   | 101  | 53 - 120    |  | 0   | 30        |
| 2-Methylphenol               | 50.0        | 50.4        |                | ug/L |   | 101  | 58 - 120    |  | 7   | 30        |
| 2-Nitroaniline               | 50.0        | 52.0        |                | ug/L |   | 104  | 63 - 134    |  | 4   | 30        |
| 2-Nitrophenol                | 50.0        | 53.7        |                | ug/L |   | 107  | 57 - 127    |  | 4   | 30        |
| 3,3'-Dichlorobenzidine       | 100         | 84.3        |                | ug/L |   | 84   | 31 - 120    |  | 5   | 30        |
| 3-Nitroaniline               | 50.0        | 49.1        |                | ug/L |   | 98   | 44 - 125    |  | 6   | 30        |
| 4,6-Dinitro-2-methylphenol   | 100         | 129         |                | ug/L |   | 129  | 54 - 148    |  | 3   | 30        |
| 4-Bromophenyl phenyl ether   | 50.0        | 55.1        |                | ug/L |   | 110  | 66 - 120    |  | 4   | 30        |
| 4-Chloro-3-methylphenol      | 50.0        | 53.7        |                | ug/L |   | 107  | 57 - 129    |  | 5   | 30        |
| 4-Chloroaniline              | 50.0        | 45.0        |                | ug/L |   | 90   | 33 - 120    |  | 1   | 30        |
| 4-Chlorophenyl phenyl ether  | 50.0        | 48.9        |                | ug/L |   | 98   | 59 - 120    |  | 8   | 30        |
| 4-Methylphenol               | 50.0        | 41.9        |                | ug/L |   | 84   | 49 - 120    |  | 6   | 30        |
| 4-Nitroaniline               | 50.0        | 49.4        |                | ug/L |   | 99   | 55 - 126    |  | 11  | 30        |
| 4-Nitrophenol                | 100         | 75.6        |                | ug/L |   | 76   | 17 - 120    |  | 1   | 30        |
| Acenaphthene                 | 50.0        | 45.3        |                | ug/L |   | 91   | 59 - 120    |  | 14  | 30        |
| Acenaphthylene               | 50.0        | 49.1        |                | ug/L |   | 98   | 61 - 121    |  | 11  | 30        |
| Acetophenone                 | 50.0        | 49.1        |                | ug/L |   | 98   | 60 - 120    |  | 2   | 30        |
| Anthracene                   | 50.0        | 55.8        |                | ug/L |   | 112  | 67 - 123    |  | 3   | 30        |
| Atrazine                     | 50.0        | 54.9        |                | ug/L |   | 110  | 53 - 126    |  | 7   | 30        |
| Benzaldehyde                 | 50.0        | 52.1        |                | ug/L |   | 104  | 36 - 120    |  | 3   | 30        |
| Benzo[a]anthracene           | 50.0        | 54.4        |                | ug/L |   | 109  | 66 - 133    |  | 6   | 30        |
| Benzo[a]pyrene               | 50.0        | 53.7        |                | ug/L |   | 107  | 64 - 131    |  | 7   | 30        |
| Benzo[b]fluoranthene         | 50.0        | 48.0        |                | ug/L |   | 96   | 64 - 124    |  | 0   | 30        |
| Benzo[g,h,i]perylene         | 50.0        | 51.7        |                | ug/L |   | 103  | 60 - 136    |  | 4   | 30        |
| Benzo[k]fluoranthene         | 50.0        | 49.7        |                | ug/L |   | 99   | 67 - 132    |  | 1   | 30        |
| Butyl benzyl phthalate       | 50.0        | 43.3        |                | ug/L |   | 87   | 30 - 128    |  | 5   | 30        |
| Caprolactam                  | 50.0        | 16.7        |                | ug/L |   | 33   | 12 - 120    |  | 19  | 30        |
| Carbazole                    | 50.0        | 54.8        |                | ug/L |   | 110  | 65 - 135    |  | 3   | 30        |
| Chrysene                     | 50.0        | 56.1        |                | ug/L |   | 112  | 70 - 128    |  | 1   | 30        |
| Di-n-butyl phthalate         | 50.0        | 50.1        |                | ug/L |   | 100  | 58 - 132    |  | 6   | 30        |
| Di-n-octyl phthalate         | 50.0        | 40.0        |                | ug/L |   | 80   | 52 - 146    |  | 9   | 30        |
| Dibenz(a,h)anthracene        | 50.0        | 53.1        |                | ug/L |   | 106  | 59 - 135    |  | 0   | 30        |
| Dibenzofuran                 | 50.0        | 45.3        |                | ug/L |   | 91   | 63 - 120    |  | 16  | 30        |
| Diethyl phthalate            | 50.0        | 46.5        |                | ug/L |   | 93   | 46 - 123    |  | 9   | 30        |
| Dimethyl phthalate           | 50.0        | 39.6        |                | ug/L |   | 79   | 10 - 135    |  | 12  | 30        |
| Fluoranthene                 | 50.0        | 50.4        |                | ug/L |   | 101  | 70 - 128    |  | 13  | 30        |
| Fluorene                     | 50.0        | 48.5        |                | ug/L |   | 97   | 66 - 120    |  | 7   | 30        |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 410-413148/3-A

Matrix: Water

Analysis Batch: 413455

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 413148

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Hexachlorobenzene           | 50.0        | 58.0        |                | ug/L |   | 116  | 61 - 126    | 3   | 30        |
| Hexachlorobutadiene         | 50.0        | 45.6        |                | ug/L |   | 91   | 10 - 120    | 1   | 30        |
| Hexachlorocyclopentadiene   | 50.0        | 20.1        |                | ug/L |   | 40   | 10 - 120    | 6   | 30        |
| Hexachloroethane            | 50.0        | 42.5        |                | ug/L |   | 85   | 16 - 120    | 5   | 30        |
| Indeno[1,2,3-cd]pyrene      | 50.0        | 54.1        |                | ug/L |   | 108  | 55 - 134    | 1   | 30        |
| Isophorone                  | 50.0        | 51.6        |                | ug/L |   | 103  | 63 - 124    | 1   | 30        |
| N-Nitrosodi-n-propylamine   | 50.0        | 45.6        |                | ug/L |   | 91   | 57 - 120    | 2   | 30        |
| Bis(2-chloroethoxy)methane  | 50.0        | 51.1        |                | ug/L |   | 102  | 61 - 123    | 4   | 30        |
| N-Nitrosodiphenylamine      | 42.5        | 46.2        |                | ug/L |   | 109  | 64 - 130    | 4   | 30        |
| Bis(2-chloroethyl)ether     | 50.0        | 45.1        |                | ug/L |   | 90   | 62 - 120    | 0   | 30        |
| Naphthalene                 | 50.0        | 48.9        |                | ug/L |   | 98   | 55 - 120    | 2   | 30        |
| Bis(2-ethylhexyl) phthalate | 50.0        | 47.6        |                | ug/L |   | 95   | 60 - 133    | 3   | 30        |
| Nitrobenzene                | 50.0        | 47.9        |                | ug/L |   | 96   | 59 - 120    | 4   | 30        |
| Pentachlorophenol           | 100         | 150         | *+             | ug/L |   | 150  | 51 - 138    | 4   | 30        |
| Phenanthrene                | 50.0        | 54.9        |                | ug/L |   | 110  | 66 - 120    | 6   | 30        |
| Phenol                      | 50.0        | 28.1        |                | ug/L |   | 56   | 22 - 120    | 5   | 30        |
| Pyrene                      | 50.0        | 49.9        |                | ug/L |   | 100  | 67 - 126    | 5   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2-Fluorobiphenyl (Surr)     | 67             |                | 44 - 120 |
| 2-Fluorophenol (Surr)       | 60             |                | 10 - 120 |
| Nitrobenzene-d5 (Surr)      | 76             |                | 31 - 120 |
| 2,4,6-Tribromophenol (Surr) | 83             |                | 13 - 138 |
| p-Terphenyl-d14 (Surr)      | 79             |                | 30 - 125 |
| Phenol-d5 (Surr)            | 42             |                | 10 - 120 |

Lab Sample ID: MB 410-413381/1-A

Matrix: Water

Analysis Batch: 413475

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413381

| Analyte                      | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2,4,5-Trichlorophenol        | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2,4,6-Trichlorophenol        | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2,4-Dichlorophenol           | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2,4-Dimethylphenol           | ND        |              | 10   | 3.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2,4-Dinitrophenol            | ND        |              | 30   | 14   | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2,4-Dinitrotoluene           | ND        |              | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2,6-Dinitrotoluene           | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2-Chloronaphthalene          | ND        |              | 1.0  | 0.40 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2-Chlorophenol               | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2-Methylnaphthalene          | ND        |              | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2-Methylphenol               | ND        |              | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2-Nitroaniline               | ND        |              | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2-Nitrophenol                | ND        |              | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 3,3'-Dichlorobenzidine       | ND        |              | 10   | 4.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 3-Nitroaniline               | ND        |              | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-413381/1-A

Matrix: Water

Analysis Batch: 413475

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413381

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|------|------|---|----------------|----------------|---------|
| 4,6-Dinitro-2-methylphenol  | ND           |                 | 21   | 8.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 4-Bromophenyl phenyl ether  | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 4-Chloro-3-methylphenol     | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 4-Chloroaniline             | ND           |                 | 10   | 4.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 4-Chlorophenyl phenyl ether | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 4-Methylphenol              | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 4-Nitroaniline              | ND           |                 | 3.0  | 0.90 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 4-Nitrophenol               | ND           |                 | 30   | 10   | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Acenaphthene                | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Acenaphthylene              | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Acetophenone                | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Anthracene                  | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Atrazine                    | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Benzaldehyde                | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Benzo[a]anthracene          | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Benzo[a]pyrene              | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Benzo[b]fluoranthene        | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Benzo[g,h,i]perylene        | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Benzo[k]fluoranthene        | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Butyl benzyl phthalate      | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Caprolactam                 | ND           |                 | 7.0  | 3.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Carbazole                   | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Chrysene                    | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Di-n-butyl phthalate        | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Di-n-octyl phthalate        | ND           |                 | 11   | 5.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Dibenz(a,h)anthracene       | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Dibenzofuran                | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Diethyl phthalate           | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Dimethyl phthalate          | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Fluoranthene                | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Fluorene                    | ND           |                 | 0.50 | 0.12 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Hexachlorobenzene           | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Hexachlorobutadiene         | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Hexachlorocyclopentadiene   | ND           |                 | 11   | 5.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Hexachloroethane            | ND           |                 | 5.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Isophorone                  | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| N-Nitrosodi-n-propylamine   | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Bis(2-chloroethoxy)methane  | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| N-Nitrosodiphenylamine      | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Bis(2-chloroethyl)ether     | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Naphthalene                 | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Bis(2-ethylhexyl) phthalate | ND           |                 | 5.0  | 2.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Nitrobenzene                | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Pentachlorophenol           | ND           |                 | 5.0  | 1.0  | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Phenanthrene                | ND           |                 | 0.50 | 0.11 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Phenol                      | ND           |                 | 2.0  | 0.50 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Pyrene                      | ND           |                 | 0.50 | 0.10 | ug/L |   | 08/28/23 15:13 | 08/28/23 22:01 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-413381/1-A

Matrix: Water

Analysis Batch: 413475

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413381

| Tentatively Identified Compound | MB MB       |           | Unit | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|------|---------|----------------|----------------|---------|
|                                 | Est. Result | Qualifier |      |   |      |         |                |                |         |
| Unknown                         | 5.11        | T J       | ug/L |   | 2.03 | N/A     | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Unknown                         | 4.11        | T J       | ug/L |   | 2.95 | N/A     | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Unknown                         | 17.2        | T J       | ug/L |   | 3.24 | N/A     | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Unknown                         | 5.25        | T J       | ug/L |   | 3.35 | N/A     | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Unknown                         | 7.76        | T J       | ug/L |   | 3.49 | N/A     | 08/28/23 15:13 | 08/28/23 22:01 | 1       |

| Surrogate                   | MB MB     |           | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
|                             | %Recovery | Qualifier |          |                |                |         |
| 2-Fluorobiphenyl (Surr)     | 77        |           | 44 - 120 | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2-Fluorophenol (Surr)       | 42        |           | 10 - 120 | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Nitrobenzene-d5 (Surr)      | 79        |           | 31 - 120 | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| 2,4,6-Tribromophenol (Surr) | 77        |           | 13 - 138 | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| p-Terphenyl-d14 (Surr)      | 86        |           | 30 - 125 | 08/28/23 15:13 | 08/28/23 22:01 | 1       |
| Phenol-d5 (Surr)            | 30        |           | 10 - 120 | 08/28/23 15:13 | 08/28/23 22:01 | 1       |

Lab Sample ID: LCS 410-413381/2-A

Matrix: Water

Analysis Batch: 413475

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 413381

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|------|---|------|-------------|
|                              |             |            |               |      |   |      |             |
| 1,1'-Biphenyl                | 50.0        | 48.6       |               | ug/L |   | 97   | 55 - 120    |
| 2,2'-oxybis[1-chloropropane] | 50.0        | 41.4       |               | ug/L |   | 83   | 43 - 121    |
| 2,4,5-Trichlorophenol        | 50.0        | 45.1       |               | ug/L |   | 90   | 60 - 136    |
| 2,4,6-Trichlorophenol        | 50.0        | 46.1       |               | ug/L |   | 92   | 63 - 133    |
| 2,4-Dichlorophenol           | 50.0        | 46.2       |               | ug/L |   | 92   | 60 - 127    |
| 2,4-Dimethylphenol           | 50.0        | 42.3       |               | ug/L |   | 85   | 62 - 120    |
| 2,4-Dinitrophenol            | 100         | 71.5       |               | ug/L |   | 72   | 36 - 147    |
| 2,4-Dinitrotoluene           | 50.0        | 50.4       |               | ug/L |   | 101  | 66 - 131    |
| 2,6-Dinitrotoluene           | 50.0        | 50.7       |               | ug/L |   | 101  | 66 - 129    |
| 2-Chloronaphthalene          | 50.0        | 46.8       |               | ug/L |   | 94   | 51 - 120    |
| 2-Chlorophenol               | 50.0        | 41.0       |               | ug/L |   | 82   | 57 - 120    |
| 2-Methylnaphthalene          | 50.0        | 45.6       |               | ug/L |   | 91   | 53 - 120    |
| 2-Methylphenol               | 50.0        | 38.0       |               | ug/L |   | 76   | 58 - 120    |
| 2-Nitroaniline               | 50.0        | 50.0       |               | ug/L |   | 100  | 63 - 134    |
| 2-Nitrophenol                | 50.0        | 48.9       |               | ug/L |   | 98   | 57 - 127    |
| 3,3'-Dichlorobenzidine       | 100         | 67.8       |               | ug/L |   | 68   | 31 - 120    |
| 3-Nitroaniline               | 50.0        | 44.3       |               | ug/L |   | 89   | 44 - 125    |
| 4,6-Dinitro-2-methylphenol   | 100         | 101        |               | ug/L |   | 101  | 54 - 148    |
| 4-Bromophenyl phenyl ether   | 50.0        | 47.7       |               | ug/L |   | 95   | 66 - 120    |
| 4-Chloro-3-methylphenol      | 50.0        | 42.2       |               | ug/L |   | 84   | 57 - 129    |
| 4-Chloroaniline              | 50.0        | 37.5       |               | ug/L |   | 75   | 33 - 120    |
| 4-Chlorophenyl phenyl ether  | 50.0        | 45.4       |               | ug/L |   | 91   | 59 - 120    |
| 4-Methylphenol               | 50.0        | 36.2       |               | ug/L |   | 72   | 49 - 120    |
| 4-Nitroaniline               | 50.0        | 43.7       |               | ug/L |   | 87   | 55 - 126    |
| 4-Nitrophenol                | 100         | 50.1       |               | ug/L |   | 50   | 17 - 120    |
| Acenaphthene                 | 50.0        | 48.3       |               | ug/L |   | 97   | 59 - 120    |
| Acenaphthylene               | 50.0        | 49.6       |               | ug/L |   | 99   | 61 - 121    |
| Acetophenone                 | 50.0        | 46.8       |               | ug/L |   | 94   | 60 - 120    |
| Anthracene                   | 50.0        | 50.8       |               | ug/L |   | 102  | 67 - 123    |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-413381/2-A

Matrix: Water

Analysis Batch: 413475

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 413381

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| Atrazine                    | 50.0        | 43.4       |               | ug/L |   | 87   | 53 - 126    |
| Benzaldehyde                | 50.0        | 39.4       |               | ug/L |   | 79   | 36 - 120    |
| Benzo[a]anthracene          | 50.0        | 44.5       |               | ug/L |   | 89   | 66 - 133    |
| Benzo[a]pyrene              | 50.0        | 49.0       |               | ug/L |   | 98   | 64 - 131    |
| Benzo[b]fluoranthene        | 50.0        | 42.0       |               | ug/L |   | 84   | 64 - 124    |
| Benzo[g,h,i]perylene        | 50.0        | 44.0       |               | ug/L |   | 88   | 60 - 136    |
| Benzo[k]fluoranthene        | 50.0        | 46.8       |               | ug/L |   | 94   | 67 - 132    |
| Butyl benzyl phthalate      | 50.0        | 48.7       |               | ug/L |   | 97   | 30 - 128    |
| Caprolactam                 | 50.0        | 10.2       |               | ug/L |   | 20   | 12 - 120    |
| Carbazole                   | 50.0        | 50.7       |               | ug/L |   | 101  | 65 - 135    |
| Chrysene                    | 50.0        | 47.4       |               | ug/L |   | 95   | 70 - 128    |
| Di-n-butyl phthalate        | 50.0        | 50.3       |               | ug/L |   | 101  | 58 - 132    |
| Di-n-octyl phthalate        | 50.0        | 47.9       |               | ug/L |   | 96   | 52 - 146    |
| Dibenz(a,h)anthracene       | 50.0        | 42.9       |               | ug/L |   | 86   | 59 - 135    |
| Dibenzofuran                | 50.0        | 49.0       |               | ug/L |   | 98   | 63 - 120    |
| Diethyl phthalate           | 50.0        | 46.7       |               | ug/L |   | 93   | 46 - 123    |
| Dimethyl phthalate          | 50.0        | 43.3       |               | ug/L |   | 87   | 10 - 135    |
| Fluoranthene                | 50.0        | 45.4       |               | ug/L |   | 91   | 70 - 128    |
| Fluorene                    | 50.0        | 47.9       |               | ug/L |   | 96   | 66 - 120    |
| Hexachlorobenzene           | 50.0        | 42.9       |               | ug/L |   | 86   | 61 - 126    |
| Hexachlorobutadiene         | 50.0        | 39.2       |               | ug/L |   | 78   | 10 - 120    |
| Hexachlorocyclopentadiene   | 50.0        | 21.8       |               | ug/L |   | 44   | 10 - 120    |
| Hexachloroethane            | 50.0        | 38.7       |               | ug/L |   | 77   | 16 - 120    |
| Indeno[1,2,3-cd]pyrene      | 50.0        | 43.9       |               | ug/L |   | 88   | 55 - 134    |
| Isophorone                  | 50.0        | 44.3       |               | ug/L |   | 89   | 63 - 124    |
| N-Nitrosodi-n-propylamine   | 50.0        | 45.1       |               | ug/L |   | 90   | 57 - 120    |
| Bis(2-chloroethoxy)methane  | 50.0        | 46.9       |               | ug/L |   | 94   | 61 - 123    |
| N-Nitrosodiphenylamine      | 42.5        | 42.4       |               | ug/L |   | 100  | 64 - 130    |
| Bis(2-chloroethyl)ether     | 50.0        | 44.9       |               | ug/L |   | 90   | 62 - 120    |
| Naphthalene                 | 50.0        | 43.5       |               | ug/L |   | 87   | 55 - 120    |
| Bis(2-ethylhexyl) phthalate | 50.0        | 48.2       |               | ug/L |   | 96   | 60 - 133    |
| Nitrobenzene                | 50.0        | 46.1       |               | ug/L |   | 92   | 59 - 120    |
| Pentachlorophenol           | 100         | 88.4       |               | ug/L |   | 88   | 51 - 138    |
| Phenanthrene                | 50.0        | 50.8       |               | ug/L |   | 102  | 66 - 120    |
| Phenol                      | 50.0        | 25.5       |               | ug/L |   | 51   | 22 - 120    |
| Pyrene                      | 50.0        | 48.3       |               | ug/L |   | 97   | 67 - 126    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2-Fluorobiphenyl (Surr)     | 70            |               | 44 - 120 |
| 2-Fluorophenol (Surr)       | 45            |               | 10 - 120 |
| Nitrobenzene-d5 (Surr)      | 70            |               | 31 - 120 |
| 2,4,6-Tribromophenol (Surr) | 69            |               | 13 - 138 |
| p-Terphenyl-d14 (Surr)      | 75            |               | 30 - 125 |
| Phenol-d5 (Surr)            | 32            |               | 10 - 120 |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 410-413381/3-A

Matrix: Water

Analysis Batch: 413475

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 413381

| Analyte                      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits |  | RPD | RPD Limit |
|------------------------------|-------------|-------------|----------------|------|---|------|-------------|--|-----|-----------|
|                              |             |             |                |      |   |      |             |  |     |           |
| 1,1'-Biphenyl                | 50.0        | 51.0        |                | ug/L |   | 102  | 55 - 120    |  | 5   | 30        |
| 2,2'-oxybis[1-chloropropane] | 50.0        | 46.6        |                | ug/L |   | 93   | 43 - 121    |  | 12  | 30        |
| 2,4,5-Trichlorophenol        | 50.0        | 48.1        |                | ug/L |   | 96   | 60 - 136    |  | 6   | 30        |
| 2,4,6-Trichlorophenol        | 50.0        | 49.8        |                | ug/L |   | 100  | 63 - 133    |  | 8   | 30        |
| 2,4-Dichlorophenol           | 50.0        | 52.2        |                | ug/L |   | 104  | 60 - 127    |  | 12  | 30        |
| 2,4-Dimethylphenol           | 50.0        | 46.7        |                | ug/L |   | 93   | 62 - 120    |  | 10  | 30        |
| 2,4-Dinitrophenol            | 100         | 91.7        |                | ug/L |   | 92   | 36 - 147    |  | 25  | 30        |
| 2,4-Dinitrotoluene           | 50.0        | 57.2        |                | ug/L |   | 114  | 66 - 131    |  | 12  | 30        |
| 2,6-Dinitrotoluene           | 50.0        | 56.5        |                | ug/L |   | 113  | 66 - 129    |  | 11  | 30        |
| 2-Chloronaphthalene          | 50.0        | 49.1        |                | ug/L |   | 98   | 51 - 120    |  | 5   | 30        |
| 2-Chlorophenol               | 50.0        | 45.9        |                | ug/L |   | 92   | 57 - 120    |  | 11  | 30        |
| 2-Methylnaphthalene          | 50.0        | 50.0        |                | ug/L |   | 100  | 53 - 120    |  | 9   | 30        |
| 2-Methylphenol               | 50.0        | 30.3        |                | ug/L |   | 61   | 58 - 120    |  | 23  | 30        |
| 2-Nitroaniline               | 50.0        | 56.5        |                | ug/L |   | 113  | 63 - 134    |  | 12  | 30        |
| 2-Nitrophenol                | 50.0        | 53.8        |                | ug/L |   | 108  | 57 - 127    |  | 10  | 30        |
| 3,3'-Dichlorobenzidine       | 100         | 79.4        |                | ug/L |   | 79   | 31 - 120    |  | 16  | 30        |
| 3-Nitroaniline               | 50.0        | 47.6        |                | ug/L |   | 95   | 44 - 125    |  | 7   | 30        |
| 4,6-Dinitro-2-methylphenol   | 100         | 115         |                | ug/L |   | 115  | 54 - 148    |  | 13  | 30        |
| 4-Bromophenyl phenyl ether   | 50.0        | 53.2        |                | ug/L |   | 106  | 66 - 120    |  | 11  | 30        |
| 4-Chloro-3-methylphenol      | 50.0        | 46.1        |                | ug/L |   | 92   | 57 - 129    |  | 9   | 30        |
| 4-Chloroaniline              | 50.0        | 41.6        |                | ug/L |   | 83   | 33 - 120    |  | 10  | 30        |
| 4-Chlorophenyl phenyl ether  | 50.0        | 48.8        |                | ug/L |   | 98   | 59 - 120    |  | 7   | 30        |
| 4-Methylphenol               | 50.0        | 42.1        |                | ug/L |   | 84   | 49 - 120    |  | 15  | 30        |
| 4-Nitroaniline               | 50.0        | 50.2        |                | ug/L |   | 100  | 55 - 126    |  | 14  | 30        |
| 4-Nitrophenol                | 100         | 57.6        |                | ug/L |   | 58   | 17 - 120    |  | 14  | 30        |
| Acenaphthene                 | 50.0        | 51.1        |                | ug/L |   | 102  | 59 - 120    |  | 6   | 30        |
| Acenaphthylene               | 50.0        | 53.1        |                | ug/L |   | 106  | 61 - 121    |  | 7   | 30        |
| Acetophenone                 | 50.0        | 52.1        |                | ug/L |   | 104  | 60 - 120    |  | 11  | 30        |
| Anthracene                   | 50.0        | 57.1        |                | ug/L |   | 114  | 67 - 123    |  | 12  | 30        |
| Atrazine                     | 50.0        | 49.8        |                | ug/L |   | 100  | 53 - 126    |  | 14  | 30        |
| Benzaldehyde                 | 50.0        | 44.3        |                | ug/L |   | 89   | 36 - 120    |  | 12  | 30        |
| Benzo[a]anthracene           | 50.0        | 49.6        |                | ug/L |   | 99   | 66 - 133    |  | 11  | 30        |
| Benzo[a]pyrene               | 50.0        | 53.5        |                | ug/L |   | 107  | 64 - 131    |  | 9   | 30        |
| Benzo[b]fluoranthene         | 50.0        | 44.8        |                | ug/L |   | 90   | 64 - 124    |  | 6   | 30        |
| Benzo[g,h,i]perylene         | 50.0        | 50.2        |                | ug/L |   | 100  | 60 - 136    |  | 13  | 30        |
| Benzo[k]fluoranthene         | 50.0        | 51.1        |                | ug/L |   | 102  | 67 - 132    |  | 9   | 30        |
| Butyl benzyl phthalate       | 50.0        | 54.7        |                | ug/L |   | 109  | 30 - 128    |  | 12  | 30        |
| Caprolactam                  | 50.0        | 11.5        |                | ug/L |   | 23   | 12 - 120    |  | 12  | 30        |
| Carbazole                    | 50.0        | 57.9        |                | ug/L |   | 116  | 65 - 135    |  | 13  | 30        |
| Chrysene                     | 50.0        | 53.6        |                | ug/L |   | 107  | 70 - 128    |  | 12  | 30        |
| Di-n-butyl phthalate         | 50.0        | 57.1        |                | ug/L |   | 114  | 58 - 132    |  | 13  | 30        |
| Di-n-octyl phthalate         | 50.0        | 53.5        |                | ug/L |   | 107  | 52 - 146    |  | 11  | 30        |
| Dibenz(a,h)anthracene        | 50.0        | 47.6        |                | ug/L |   | 95   | 59 - 135    |  | 10  | 30        |
| Dibenzofuran                 | 50.0        | 52.2        |                | ug/L |   | 104  | 63 - 120    |  | 6   | 30        |
| Diethyl phthalate            | 50.0        | 50.4        |                | ug/L |   | 101  | 46 - 123    |  | 8   | 30        |
| Dimethyl phthalate           | 50.0        | 48.2        |                | ug/L |   | 96   | 10 - 135    |  | 11  | 30        |
| Fluoranthene                 | 50.0        | 51.3        |                | ug/L |   | 103  | 70 - 128    |  | 12  | 30        |
| Fluorene                     | 50.0        | 52.8        |                | ug/L |   | 106  | 66 - 120    |  | 10  | 30        |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 410-413381/3-A

Matrix: Water

Analysis Batch: 413475

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 413381

| Analyte                     | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Hexachlorobenzene           | 50.0        | 46.9        |                | ug/L |   | 94   | 61 - 126    | 9   | 30        |
| Hexachlorobutadiene         | 50.0        | 39.7        |                | ug/L |   | 79   | 10 - 120    | 1   | 30        |
| Hexachlorocyclopentadiene   | 50.0        | 20.9        |                | ug/L |   | 42   | 10 - 120    | 4   | 30        |
| Hexachloroethane            | 50.0        | 42.8        |                | ug/L |   | 86   | 16 - 120    | 10  | 30        |
| Indeno[1,2,3-cd]pyrene      | 50.0        | 48.0        |                | ug/L |   | 96   | 55 - 134    | 9   | 30        |
| Isophorone                  | 50.0        | 49.9        |                | ug/L |   | 100  | 63 - 124    | 12  | 30        |
| N-Nitrosodi-n-propylamine   | 50.0        | 51.7        |                | ug/L |   | 103  | 57 - 120    | 14  | 30        |
| Bis(2-chloroethoxy)methane  | 50.0        | 53.0        |                | ug/L |   | 106  | 61 - 123    | 12  | 30        |
| N-Nitrosodiphenylamine      | 42.5        | 46.6        |                | ug/L |   | 110  | 64 - 130    | 10  | 30        |
| Bis(2-chloroethyl)ether     | 50.0        | 50.7        |                | ug/L |   | 101  | 62 - 120    | 12  | 30        |
| Naphthalene                 | 50.0        | 46.7        |                | ug/L |   | 93   | 55 - 120    | 7   | 30        |
| Bis(2-ethylhexyl) phthalate | 50.0        | 53.8        |                | ug/L |   | 108  | 60 - 133    | 11  | 30        |
| Nitrobenzene                | 50.0        | 50.3        |                | ug/L |   | 101  | 59 - 120    | 9   | 30        |
| Pentachlorophenol           | 100         | 102         |                | ug/L |   | 102  | 51 - 138    | 14  | 30        |
| Phenanthrene                | 50.0        | 55.9        |                | ug/L |   | 112  | 66 - 120    | 10  | 30        |
| Phenol                      | 50.0        | 27.6        |                | ug/L |   | 55   | 22 - 120    | 8   | 30        |
| Pyrene                      | 50.0        | 52.6        |                | ug/L |   | 105  | 67 - 126    | 9   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2-Fluorobiphenyl (Surr)     | 74             |                | 44 - 120 |
| 2-Fluorophenol (Surr)       | 49             |                | 10 - 120 |
| Nitrobenzene-d5 (Surr)      | 77             |                | 31 - 120 |
| 2,4,6-Tribromophenol (Surr) | 76             |                | 13 - 138 |
| p-Terphenyl-d14 (Surr)      | 82             |                | 30 - 125 |
| Phenol-d5 (Surr)            | 36             |                | 10 - 120 |

Lab Sample ID: MB 410-413420/1-A

Matrix: Solid

Analysis Batch: 413714

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413420

| Analyte                      | MB Result | MB Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND        |              | 37   | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND        |              | 43   | 20  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2,4,5-Trichlorophenol        | ND        |              | 37   | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2,4,6-Trichlorophenol        | ND        |              | 37   | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2,4-Dichlorophenol           | ND        |              | 43   | 20  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2,4-Dimethylphenol           | ND        |              | 37   | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2,4-Dinitrophenol            | ND        |              | 1000 | 170 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2,4-Dinitrotoluene           | ND        |              | 170  | 33  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2,6-Dinitrotoluene           | ND        |              | 37   | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2-Chloronaphthalene          | ND        |              | 33   | 13  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2-Chlorophenol               | ND        |              | 37   | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2-Methylnaphthalene          | ND        |              | 17   | 5.0 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2-Methylphenol               | ND        |              | 50   | 20  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2-Nitroaniline               | ND        |              | 50   | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2-Nitrophenol                | ND        |              | 50   | 20  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 3,3'-Dichlorobenzidine       | ND        |              | 170  | 33  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 3-Nitroaniline               | ND        |              | 170  | 33  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-413420/1-A

Matrix: Solid

Analysis Batch: 413714

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413420

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|-----|-----|-------|---|----------------|----------------|---------|
| 4,6-Dinitro-2-methylphenol  | ND           |                 | 500 | 170 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 4-Bromophenyl phenyl ether  | ND           |                 | 37  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 4-Chloro-3-methylphenol     | ND           |                 | 50  | 20  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 4-Chloroaniline             | ND           |                 | 170 | 33  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 4-Chlorophenyl phenyl ether | ND           |                 | 37  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 4-Methylphenol              | ND           |                 | 50  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 4-Nitroaniline              | ND           |                 | 170 | 33  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 4-Nitrophenol               | ND           |                 | 500 | 170 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Acenaphthene                | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Acenaphthylene              | ND           |                 | 17  | 4.0 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Acetophenone                | ND           |                 | 50  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Anthracene                  | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Atrazine                    | ND           |                 | 170 | 67  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Benzaldehyde                | ND           |                 | 170 | 33  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Benzo[a]anthracene          | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Benzo[a]pyrene              | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Benzo[b]fluoranthene        | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Benzo[g,h,i]perylene        | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Benzo[k]fluoranthene        | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Butyl benzyl phthalate      | ND           |                 | 170 | 67  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Caprolactam                 | ND           |                 | 170 | 33  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Carbazole                   | ND           |                 | 37  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Chrysene                    | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Di-n-butyl phthalate        | ND           |                 | 170 | 67  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Di-n-octyl phthalate        | ND           |                 | 170 | 67  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Dibenz(a,h)anthracene       | ND           |                 | 17  | 6.7 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Dibenzofuran                | ND           |                 | 37  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Diethyl phthalate           | ND           |                 | 170 | 67  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Dimethyl phthalate          | ND           |                 | 170 | 67  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Fluoranthene                | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Fluorene                    | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Hexachlorobenzene           | ND           |                 | 17  | 6.7 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Hexachlorobutadiene         | ND           |                 | 50  | 20  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Hexachlorocyclopentadiene   | ND           |                 | 500 | 170 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Hexachloroethane            | ND           |                 | 170 | 33  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND           |                 | 17  | 4.0 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Isophorone                  | ND           |                 | 67  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| N-Nitrosodi-n-propylamine   | ND           |                 | 67  | 33  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Bis(2-chloroethoxy)methane  | ND           |                 | 37  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| N-Nitrosodiphenylamine      | ND           |                 | 37  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Bis(2-chloroethyl)ether     | ND           |                 | 37  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Naphthalene                 | ND           |                 | 17  | 6.7 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Bis(2-ethylhexyl) phthalate | ND           |                 | 170 | 67  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Nitrobenzene                | ND           |                 | 37  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Pentachlorophenol           | ND           |                 | 170 | 67  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Phenanthrene                | ND           |                 | 17  | 4.0 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Phenol                      | ND           |                 | 37  | 17  | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Pyrene                      | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/28/23 16:25 | 08/29/23 11:17 | 1       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-413420/1-A

Matrix: Solid

Analysis Batch: 413714

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413420

|                                 | MB          | MB        |       |   |      |          |                |                |         |
|---------------------------------|-------------|-----------|-------|---|------|----------|----------------|----------------|---------|
| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT   | CAS No.  | Prepared       | Analyzed       | Dil Fac |
| Furan, 2,5-dimethyl-            | 242         | T J N     | ug/Kg |   | 2.25 | 625-86-5 | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Unknown                         | 271         | T J       | ug/Kg |   | 3.89 | N/A      | 08/28/23 16:25 | 08/29/23 11:17 | 1       |

|                             | MB        | MB        |          |  |  |  |                |                |         |
|-----------------------------|-----------|-----------|----------|--|--|--|----------------|----------------|---------|
| Surrogate                   | %Recovery | Qualifier | Limits   |  |  |  | Prepared       | Analyzed       | Dil Fac |
| 2-Fluorobiphenyl (Surr)     | 78        |           | 37 - 120 |  |  |  | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2-Fluorophenol (Surr)       | 71        |           | 22 - 120 |  |  |  | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Nitrobenzene-d5 (Surr)      | 75        |           | 26 - 120 |  |  |  | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| 2,4,6-Tribromophenol (Surr) | 83        |           | 10 - 138 |  |  |  | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| p-Terphenyl-d14 (Surr)      | 99        |           | 40 - 133 |  |  |  | 08/28/23 16:25 | 08/29/23 11:17 | 1       |
| Phenol-d5 (Surr)            | 73        |           | 27 - 120 |  |  |  | 08/28/23 16:25 | 08/29/23 11:17 | 1       |

Lab Sample ID: LCS 410-413420/2-A

Matrix: Solid

Analysis Batch: 413714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 413420

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,1'-Biphenyl                | 1670        | 1520       |               | ug/Kg |   | 91   | 63 - 120    |
| 2,2'-oxybis[1-chloropropane] | 1670        | 1430       |               | ug/Kg |   | 86   | 22 - 125    |
| 2,4,5-Trichlorophenol        | 1670        | 1720       |               | ug/Kg |   | 103  | 63 - 120    |
| 2,4,6-Trichlorophenol        | 1670        | 1670       |               | ug/Kg |   | 100  | 58 - 124    |
| 2,4-Dichlorophenol           | 1670        | 1570       |               | ug/Kg |   | 94   | 64 - 120    |
| 2,4-Dimethylphenol           | 1670        | 1480       |               | ug/Kg |   | 89   | 63 - 120    |
| 2,4-Dinitrophenol            | 3330        | 3340       |               | ug/Kg |   | 100  | 36 - 130    |
| 2,4-Dinitrotoluene           | 1670        | 1770       |               | ug/Kg |   | 106  | 65 - 120    |
| 2,6-Dinitrotoluene           | 1670        | 1640       |               | ug/Kg |   | 99   | 67 - 120    |
| 2-Chloronaphthalene          | 1670        | 1490       |               | ug/Kg |   | 89   | 63 - 120    |
| 2-Chlorophenol               | 1670        | 1390       |               | ug/Kg |   | 84   | 61 - 120    |
| 2-Methylnaphthalene          | 1670        | 1550       |               | ug/Kg |   | 93   | 61 - 120    |
| 2-Methylphenol               | 1670        | 1490       |               | ug/Kg |   | 90   | 59 - 120    |
| 2-Nitroaniline               | 1670        | 1740       |               | ug/Kg |   | 104  | 67 - 120    |
| 2-Nitrophenol                | 1670        | 1490       |               | ug/Kg |   | 90   | 60 - 120    |
| 3,3'-Dichlorobenzidine       | 3330        | 2150       |               | ug/Kg |   | 64   | 23 - 120    |
| 3-Nitroaniline               | 1670        | 1270       |               | ug/Kg |   | 76   | 34 - 120    |
| 4,6-Dinitro-2-methylphenol   | 3330        | 3780       |               | ug/Kg |   | 113  | 55 - 131    |
| 4-Bromophenyl phenyl ether   | 1670        | 1600       |               | ug/Kg |   | 96   | 66 - 120    |
| 4-Chloro-3-methylphenol      | 1670        | 1600       |               | ug/Kg |   | 96   | 59 - 120    |
| 4-Chloroaniline              | 1670        | 1200       |               | ug/Kg |   | 72   | 17 - 120    |
| 4-Chlorophenyl phenyl ether  | 1670        | 1610       |               | ug/Kg |   | 97   | 65 - 120    |
| 4-Methylphenol               | 1670        | 1400       |               | ug/Kg |   | 84   | 59 - 120    |
| 4-Nitroaniline               | 1670        | 1590       |               | ug/Kg |   | 95   | 60 - 120    |
| 4-Nitrophenol                | 3330        | 3570       |               | ug/Kg |   | 107  | 41 - 130    |
| Acenaphthene                 | 1670        | 1610       |               | ug/Kg |   | 96   | 65 - 120    |
| Acenaphthylene               | 1670        | 1630       |               | ug/Kg |   | 98   | 66 - 120    |
| Acetophenone                 | 1670        | 1350       |               | ug/Kg |   | 81   | 56 - 120    |
| Anthracene                   | 1670        | 1720       |               | ug/Kg |   | 103  | 69 - 120    |
| Atrazine                     | 1670        | 1660       |               | ug/Kg |   | 100  | 59 - 140    |
| Benzaldehyde                 | 1670        | 1220       |               | ug/Kg |   | 73   | 35 - 120    |
| Benzo[a]anthracene           | 1670        | 1760       |               | ug/Kg |   | 106  | 68 - 120    |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-413420/2-A

Matrix: Solid

Analysis Batch: 413714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 413420

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzo[a]pyrene              | 1670        | 1800       |               | ug/Kg |   | 108  | 71 - 120    |
| Benzo[b]fluoranthene        | 1670        | 1570       |               | ug/Kg |   | 94   | 66 - 120    |
| Benzo[g,h,i]perylene        | 1670        | 1760       |               | ug/Kg |   | 106  | 69 - 120    |
| Benzo[k]fluoranthene        | 1670        | 1650       |               | ug/Kg |   | 99   | 68 - 120    |
| Butyl benzyl phthalate      | 1670        | 1770       |               | ug/Kg |   | 106  | 64 - 120    |
| Caprolactam                 | 1670        | 1540       |               | ug/Kg |   | 92   | 50 - 120    |
| Carbazole                   | 1670        | 1720       |               | ug/Kg |   | 103  | 69 - 120    |
| Chrysene                    | 1670        | 1760       |               | ug/Kg |   | 106  | 67 - 120    |
| Di-n-butyl phthalate        | 1670        | 1770       |               | ug/Kg |   | 106  | 67 - 128    |
| Di-n-octyl phthalate        | 1670        | 1860       |               | ug/Kg |   | 111  | 64 - 128    |
| Dibenz(a,h)anthracene       | 1670        | 1720       |               | ug/Kg |   | 103  | 70 - 123    |
| Dibenzofuran                | 1670        | 1580       |               | ug/Kg |   | 95   | 66 - 120    |
| Diethyl phthalate           | 1670        | 1600       |               | ug/Kg |   | 96   | 66 - 120    |
| Dimethyl phthalate          | 1670        | 1640       |               | ug/Kg |   | 98   | 65 - 120    |
| Fluoranthene                | 1670        | 1680       |               | ug/Kg |   | 101  | 67 - 120    |
| Fluorene                    | 1670        | 1620       |               | ug/Kg |   | 97   | 67 - 120    |
| Hexachlorobenzene           | 1670        | 1680       |               | ug/Kg |   | 101  | 64 - 120    |
| Hexachlorobutadiene         | 1670        | 1380       |               | ug/Kg |   | 83   | 52 - 120    |
| Hexachlorocyclopentadiene   | 1670        | 2180       | *+            | ug/Kg |   | 131  | 32 - 123    |
| Hexachloroethane            | 1670        | 1190       |               | ug/Kg |   | 72   | 54 - 120    |
| Indeno[1,2,3-cd]pyrene      | 1670        | 1880       |               | ug/Kg |   | 113  | 67 - 122    |
| Isophorone                  | 1670        | 1550       |               | ug/Kg |   | 93   | 58 - 120    |
| N-Nitrosodi-n-propylamine   | 1670        | 1450       |               | ug/Kg |   | 87   | 51 - 120    |
| Bis(2-chloroethoxy)methane  | 1670        | 1580       |               | ug/Kg |   | 95   | 53 - 120    |
| N-Nitrosodiphenylamine      | 1420        | 1460       |               | ug/Kg |   | 103  | 70 - 120    |
| Bis(2-chloroethyl)ether     | 1670        | 1310       |               | ug/Kg |   | 79   | 52 - 120    |
| Naphthalene                 | 1670        | 1450       |               | ug/Kg |   | 87   | 62 - 120    |
| Bis(2-ethylhexyl) phthalate | 1670        | 1890       |               | ug/Kg |   | 114  | 65 - 122    |
| Nitrobenzene                | 1670        | 1490       |               | ug/Kg |   | 89   | 50 - 120    |
| Pentachlorophenol           | 3330        | 3810       |               | ug/Kg |   | 114  | 41 - 124    |
| Phenanthrene                | 1670        | 1680       |               | ug/Kg |   | 101  | 69 - 120    |
| Phenol                      | 1670        | 1500       |               | ug/Kg |   | 90   | 54 - 120    |
| Pyrene                      | 1670        | 1650       |               | ug/Kg |   | 99   | 69 - 120    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2-Fluorobiphenyl (Surr)     | 81            |               | 37 - 120 |
| 2-Fluorophenol (Surr)       | 70            |               | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 75            |               | 26 - 120 |
| 2,4,6-Tribromophenol (Surr) | 85            |               | 10 - 138 |
| p-Terphenyl-d14 (Surr)      | 93            |               | 40 - 133 |
| Phenol-d5 (Surr)            | 73            |               | 27 - 120 |

Lab Sample ID: 410-140000-14 MS

Matrix: Solid

Analysis Batch: 414514

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 413420

| Analyte       | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 1,1'-Biphenyl | ND            |                  | 1890        | 1590      |              | ug/Kg | ✱ | 84   | 63 - 120    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-140000-14 MS

Matrix: Solid

Analysis Batch: 414514

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 413420

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 2,2'-oxybis[1-chloropropane] | ND            |                  | 1890        | 1520      |              | ug/Kg | ✖ | 81   | 22 - 125    |
| 2,4,5-Trichlorophenol        | ND            |                  | 1890        | 1800      |              | ug/Kg | ✖ | 96   | 63 - 120    |
| 2,4,6-Trichlorophenol        | ND            |                  | 1890        | 1680      |              | ug/Kg | ✖ | 89   | 58 - 124    |
| 2,4-Dichlorophenol           | ND            |                  | 1890        | 1690      |              | ug/Kg | ✖ | 90   | 64 - 120    |
| 2,4-Dimethylphenol           | ND            |                  | 1890        | 1450      |              | ug/Kg | ✖ | 77   | 63 - 120    |
| 2,4-Dinitrophenol            | ND            |                  | 3780        | 3060      |              | ug/Kg | ✖ | 81   | 36 - 130    |
| 2,4-Dinitrotoluene           | ND            |                  | 1890        | 1870      |              | ug/Kg | ✖ | 99   | 65 - 120    |
| 2,6-Dinitrotoluene           | ND            |                  | 1890        | 1730      |              | ug/Kg | ✖ | 92   | 67 - 120    |
| 2-Chloronaphthalene          | ND            |                  | 1890        | 1560      |              | ug/Kg | ✖ | 83   | 63 - 120    |
| 2-Chlorophenol               | ND            |                  | 1890        | 1550      |              | ug/Kg | ✖ | 82   | 61 - 120    |
| 2-Methylnaphthalene          | ND            |                  | 1890        | 1650      |              | ug/Kg | ✖ | 88   | 61 - 120    |
| 2-Methylphenol               | ND            |                  | 1890        | 1570      |              | ug/Kg | ✖ | 83   | 59 - 120    |
| 2-Nitroaniline               | ND            |                  | 1890        | 1810      |              | ug/Kg | ✖ | 96   | 67 - 120    |
| 2-Nitrophenol                | ND            |                  | 1890        | 1600      |              | ug/Kg | ✖ | 85   | 60 - 120    |
| 3,3'-Dichlorobenzidine       | ND            | F2               | 3780        | 1790      |              | ug/Kg | ✖ | 47   | 23 - 120    |
| 3-Nitroaniline               | ND            | F2               | 1890        | 1710      |              | ug/Kg | ✖ | 91   | 34 - 120    |
| 4,6-Dinitro-2-methylphenol   | ND            |                  | 3780        | 3680      |              | ug/Kg | ✖ | 98   | 55 - 131    |
| 4-Bromophenyl phenyl ether   | ND            |                  | 1890        | 1660      |              | ug/Kg | ✖ | 88   | 66 - 120    |
| 4-Chloro-3-methylphenol      | ND            |                  | 1890        | 1700      |              | ug/Kg | ✖ | 90   | 59 - 120    |
| 4-Chloroaniline              | ND            |                  | 1890        | 924       |              | ug/Kg | ✖ | 49   | 17 - 120    |
| 4-Chlorophenyl phenyl ether  | ND            |                  | 1890        | 1690      |              | ug/Kg | ✖ | 89   | 65 - 120    |
| 4-Methylphenol               | ND            |                  | 1890        | 1500      |              | ug/Kg | ✖ | 79   | 59 - 120    |
| 4-Nitroaniline               | ND            | F1               | 1890        | 1240      |              | ug/Kg | ✖ | 66   | 60 - 120    |
| 4-Nitrophenol                | ND            |                  | 3780        | 3630      |              | ug/Kg | ✖ | 96   | 41 - 130    |
| Acenaphthene                 | ND            |                  | 1890        | 1650      |              | ug/Kg | ✖ | 88   | 65 - 120    |
| Acenaphthylene               | ND            |                  | 1890        | 1690      |              | ug/Kg | ✖ | 89   | 66 - 120    |
| Acetophenone                 | ND            |                  | 1890        | 1450      |              | ug/Kg | ✖ | 77   | 56 - 120    |
| Anthracene                   | 4.2           | J                | 1890        | 1790      |              | ug/Kg | ✖ | 94   | 69 - 120    |
| Atrazine                     | ND            |                  | 1890        | 1600      |              | ug/Kg | ✖ | 85   | 59 - 140    |
| Benzaldehyde                 | ND            |                  | 1890        | 1240      |              | ug/Kg | ✖ | 66   | 35 - 120    |
| Benzo[a]anthracene           | 5.0           | J                | 1890        | 1860      |              | ug/Kg | ✖ | 98   | 68 - 120    |
| Benzo[a]pyrene               | ND            |                  | 1890        | 1820      |              | ug/Kg | ✖ | 96   | 71 - 120    |
| Benzo[b]fluoranthene         | 7.2           | J                | 1890        | 1680      |              | ug/Kg | ✖ | 89   | 66 - 120    |
| Benzo[g,h,i]perylene         | ND            |                  | 1890        | 1830      |              | ug/Kg | ✖ | 97   | 69 - 120    |
| Benzo[k]fluoranthene         | ND            |                  | 1890        | 1600      |              | ug/Kg | ✖ | 85   | 68 - 120    |
| Butyl benzyl phthalate       | ND            |                  | 1890        | 1990      |              | ug/Kg | ✖ | 106  | 64 - 120    |
| Caprolactam                  | ND            |                  | 1890        | 1530      |              | ug/Kg | ✖ | 81   | 50 - 120    |
| Carbazole                    | ND            |                  | 1890        | 1760      |              | ug/Kg | ✖ | 93   | 69 - 120    |
| Chrysene                     | 8.5           | J                | 1890        | 1820      |              | ug/Kg | ✖ | 96   | 67 - 120    |
| Di-n-butyl phthalate         | ND            |                  | 1890        | 2000      |              | ug/Kg | ✖ | 106  | 67 - 128    |
| Di-n-octyl phthalate         | ND            |                  | 1890        | 1990      |              | ug/Kg | ✖ | 106  | 64 - 128    |
| Dibenz(a,h)anthracene        | ND            |                  | 1890        | 1780      |              | ug/Kg | ✖ | 94   | 70 - 123    |
| Dibenzofuran                 | ND            |                  | 1890        | 1650      |              | ug/Kg | ✖ | 87   | 66 - 120    |
| Diethyl phthalate            | ND            |                  | 1890        | 1680      |              | ug/Kg | ✖ | 89   | 66 - 120    |
| Dimethyl phthalate           | ND            |                  | 1890        | 1650      |              | ug/Kg | ✖ | 87   | 65 - 120    |
| Fluoranthene                 | 14            | J                | 1890        | 1790      |              | ug/Kg | ✖ | 94   | 67 - 120    |
| Fluorene                     | ND            |                  | 1890        | 1690      |              | ug/Kg | ✖ | 90   | 67 - 120    |
| Hexachlorobenzene            | ND            |                  | 1890        | 1710      |              | ug/Kg | ✖ | 91   | 64 - 120    |
| Hexachlorobutadiene          | ND            |                  | 1890        | 1460      |              | ug/Kg | ✖ | 78   | 52 - 120    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-140000-14 MS

Matrix: Solid

Analysis Batch: 414514

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 413420

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Hexachlorocyclopentadiene   | ND            | *+ F1 cn         | 1890        | 358       | J F1         | ug/Kg | ✖ | 19   | 32 - 123    |
| Hexachloroethane            | ND            |                  | 1890        | 1210      |              | ug/Kg | ✖ | 64   | 54 - 120    |
| Indeno[1,2,3-cd]pyrene      | ND            |                  | 1890        | 1950      |              | ug/Kg | ✖ | 103  | 67 - 122    |
| Isophorone                  | ND            |                  | 1890        | 1600      |              | ug/Kg | ✖ | 85   | 58 - 120    |
| N-Nitrosodi-n-propylamine   | ND            |                  | 1890        | 1510      |              | ug/Kg | ✖ | 80   | 51 - 120    |
| N-Nitrosodiphenylamine      | ND            |                  | 1610        | 1480      |              | ug/Kg | ✖ | 92   | 70 - 120    |
| Naphthalene                 | ND            |                  | 1890        | 1570      |              | ug/Kg | ✖ | 83   | 62 - 120    |
| Nitrobenzene                | ND            |                  | 1890        | 1590      |              | ug/Kg | ✖ | 84   | 50 - 120    |
| Pentachlorophenol           | ND            |                  | 3780        | 3490      |              | ug/Kg | ✖ | 92   | 41 - 124    |
| Phenanthrene                | 13            | J                | 1890        | 1710      |              | ug/Kg | ✖ | 90   | 69 - 120    |
| Phenol                      | ND            |                  | 1890        | 1590      |              | ug/Kg | ✖ | 84   | 54 - 120    |
| Pyrene                      | 12            | J                | 1890        | 1730      |              | ug/Kg | ✖ | 91   | 69 - 120    |
| Bis(2-chloroethoxy)methane  | ND            |                  | 1890        | 1620      |              | ug/Kg | ✖ | 86   | 53 - 120    |
| Bis(2-chloroethyl)ether     | ND            |                  | 1890        | 1430      |              | ug/Kg | ✖ | 76   | 52 - 120    |
| Bis(2-ethylhexyl) phthalate | ND            |                  | 1890        | 2040      |              | ug/Kg | ✖ | 108  | 65 - 122    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 2,4,6-Tribromophenol (Surr) | 64           |              | 10 - 138 |
| 2-Fluorobiphenyl (Surr)     | 64           |              | 37 - 120 |
| 2-Fluorophenol (Surr)       | 59           |              | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 61           |              | 26 - 120 |
| p-Terphenyl-d14 (Surr)      | 75           |              | 40 - 133 |
| Phenol-d5 (Surr)            | 62           |              | 27 - 120 |

Lab Sample ID: 410-140000-14 MSD

Matrix: Solid

Analysis Batch: 414514

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 413420

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 1,1'-Biphenyl                | ND            |                  | 1890        | 1620       |               | ug/Kg | ✖ | 86   | 63 - 120    | 2   | 30        |
| 2,2'-oxybis[1-chloropropane] | ND            |                  | 1890        | 1590       |               | ug/Kg | ✖ | 84   | 22 - 125    | 4   | 30        |
| 2,4,5-Trichlorophenol        | ND            |                  | 1890        | 1800       |               | ug/Kg | ✖ | 95   | 63 - 120    | 0   | 30        |
| 2,4,6-Trichlorophenol        | ND            |                  | 1890        | 1740       |               | ug/Kg | ✖ | 92   | 58 - 124    | 3   | 30        |
| 2,4-Dichlorophenol           | ND            |                  | 1890        | 1660       |               | ug/Kg | ✖ | 88   | 64 - 120    | 2   | 30        |
| 2,4-Dimethylphenol           | ND            |                  | 1890        | 1420       |               | ug/Kg | ✖ | 75   | 63 - 120    | 2   | 30        |
| 2,4-Dinitrophenol            | ND            |                  | 3780        | 3230       |               | ug/Kg | ✖ | 85   | 36 - 130    | 5   | 30        |
| 2,4-Dinitrotoluene           | ND            |                  | 1890        | 1800       |               | ug/Kg | ✖ | 95   | 65 - 120    | 4   | 30        |
| 2,6-Dinitrotoluene           | ND            |                  | 1890        | 1670       |               | ug/Kg | ✖ | 88   | 67 - 120    | 4   | 30        |
| 2-Chloronaphthalene          | ND            |                  | 1890        | 1580       |               | ug/Kg | ✖ | 83   | 63 - 120    | 1   | 30        |
| 2-Chlorophenol               | ND            |                  | 1890        | 1600       |               | ug/Kg | ✖ | 84   | 61 - 120    | 3   | 30        |
| 2-Methylnaphthalene          | ND            |                  | 1890        | 1650       |               | ug/Kg | ✖ | 88   | 61 - 120    | 0   | 30        |
| 2-Methylphenol               | ND            |                  | 1890        | 1630       |               | ug/Kg | ✖ | 87   | 59 - 120    | 4   | 30        |
| 2-Nitroaniline               | ND            |                  | 1890        | 1810       |               | ug/Kg | ✖ | 96   | 67 - 120    | 0   | 30        |
| 2-Nitrophenol                | ND            |                  | 1890        | 1580       |               | ug/Kg | ✖ | 84   | 60 - 120    | 1   | 30        |
| 3,3'-Dichlorobenzidine       | ND            | F2               | 3780        | 1080       | F2            | ug/Kg | ✖ | 29   | 23 - 120    | 50  | 30        |
| 3-Nitroaniline               | ND            | F2               | 1890        | 1040       | F2            | ug/Kg | ✖ | 55   | 34 - 120    | 49  | 30        |
| 4,6-Dinitro-2-methylphenol   | ND            |                  | 3780        | 3680       |               | ug/Kg | ✖ | 97   | 55 - 131    | 0   | 30        |
| 4-Bromophenyl phenyl ether   | ND            |                  | 1890        | 1660       |               | ug/Kg | ✖ | 88   | 66 - 120    | 0   | 30        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-140000-14 MSD

Client Sample ID: SS-5 (0-0.25)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 414514

Prep Batch: 413420

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 4-Chloro-3-methylphenol     | ND            |                  | 1890        | 1710       |               | ug/Kg | ✱ | 90   | 59 - 120    | 0   | 30        |
| 4-Chloroaniline             | ND            |                  | 1890        | 811        |               | ug/Kg | ✱ | 43   | 17 - 120    | 13  | 30        |
| 4-Chlorophenyl phenyl ether | ND            |                  | 1890        | 1680       |               | ug/Kg | ✱ | 89   | 65 - 120    | 0   | 30        |
| 4-Methylphenol              | ND            |                  | 1890        | 1540       |               | ug/Kg | ✱ | 82   | 59 - 120    | 3   | 30        |
| 4-Nitroaniline              | ND            | F1               | 1890        | 1060       | F1            | ug/Kg | ✱ | 56   | 60 - 120    | 15  | 30        |
| 4-Nitrophenol               | ND            |                  | 3780        | 3620       |               | ug/Kg | ✱ | 96   | 41 - 130    | 0   | 30        |
| Acenaphthene                | ND            |                  | 1890        | 1710       |               | ug/Kg | ✱ | 91   | 65 - 120    | 3   | 30        |
| Acenaphthylene              | ND            |                  | 1890        | 1690       |               | ug/Kg | ✱ | 90   | 66 - 120    | 0   | 30        |
| Acetophenone                | ND            |                  | 1890        | 1520       |               | ug/Kg | ✱ | 80   | 56 - 120    | 5   | 30        |
| Anthracene                  | 4.2           | J                | 1890        | 1790       |               | ug/Kg | ✱ | 95   | 69 - 120    | 0   | 30        |
| Atrazine                    | ND            |                  | 1890        | 1620       |               | ug/Kg | ✱ | 86   | 59 - 140    | 2   | 30        |
| Benzaldehyde                | ND            |                  | 1890        | 1240       |               | ug/Kg | ✱ | 66   | 35 - 120    | 0   | 30        |
| Benzo[a]anthracene          | 5.0           | J                | 1890        | 1740       |               | ug/Kg | ✱ | 92   | 68 - 120    | 7   | 30        |
| Benzo[a]pyrene              | ND            |                  | 1890        | 1770       |               | ug/Kg | ✱ | 94   | 71 - 120    | 3   | 30        |
| Benzo[b]fluoranthene        | 7.2           | J                | 1890        | 1630       |               | ug/Kg | ✱ | 86   | 66 - 120    | 3   | 30        |
| Benzo[g,h,i]perylene        | ND            |                  | 1890        | 1760       |               | ug/Kg | ✱ | 93   | 69 - 120    | 4   | 30        |
| Benzo[k]fluoranthene        | ND            |                  | 1890        | 1530       |               | ug/Kg | ✱ | 81   | 68 - 120    | 4   | 30        |
| Butyl benzyl phthalate      | ND            |                  | 1890        | 1940       |               | ug/Kg | ✱ | 103  | 64 - 120    | 3   | 30        |
| Caprolactam                 | ND            |                  | 1890        | 1520       |               | ug/Kg | ✱ | 80   | 50 - 120    | 1   | 30        |
| Carbazole                   | ND            |                  | 1890        | 1750       |               | ug/Kg | ✱ | 93   | 69 - 120    | 1   | 30        |
| Chrysene                    | 8.5           | J                | 1890        | 1730       |               | ug/Kg | ✱ | 91   | 67 - 120    | 5   | 30        |
| Di-n-butyl phthalate        | ND            |                  | 1890        | 2000       |               | ug/Kg | ✱ | 106  | 67 - 128    | 0   | 30        |
| Di-n-octyl phthalate        | ND            |                  | 1890        | 1900       |               | ug/Kg | ✱ | 100  | 64 - 128    | 5   | 30        |
| Dibenz(a,h)anthracene       | ND            |                  | 1890        | 1750       |               | ug/Kg | ✱ | 93   | 70 - 123    | 2   | 30        |
| Dibenzofuran                | ND            |                  | 1890        | 1640       |               | ug/Kg | ✱ | 87   | 66 - 120    | 0   | 30        |
| Diethyl phthalate           | ND            |                  | 1890        | 1660       |               | ug/Kg | ✱ | 88   | 66 - 120    | 1   | 30        |
| Dimethyl phthalate          | ND            |                  | 1890        | 1640       |               | ug/Kg | ✱ | 87   | 65 - 120    | 1   | 30        |
| Fluoranthene                | 14            | J                | 1890        | 1780       |               | ug/Kg | ✱ | 93   | 67 - 120    | 1   | 30        |
| Fluorene                    | ND            |                  | 1890        | 1680       |               | ug/Kg | ✱ | 89   | 67 - 120    | 1   | 30        |
| Hexachlorobenzene           | ND            |                  | 1890        | 1740       |               | ug/Kg | ✱ | 92   | 64 - 120    | 2   | 30        |
| Hexachlorobutadiene         | ND            |                  | 1890        | 1510       |               | ug/Kg | ✱ | 80   | 52 - 120    | 3   | 30        |
| Hexachlorocyclopentadiene   | ND            | *+ F1 cn         | 1890        | 421        | J F1          | ug/Kg | ✱ | 22   | 32 - 123    | 16  | 30        |
| Hexachloroethane            | ND            |                  | 1890        | 1260       |               | ug/Kg | ✱ | 66   | 54 - 120    | 4   | 30        |
| Indeno[1,2,3-cd]pyrene      | ND            |                  | 1890        | 1920       |               | ug/Kg | ✱ | 102  | 67 - 122    | 2   | 30        |
| Isophorone                  | ND            |                  | 1890        | 1540       |               | ug/Kg | ✱ | 82   | 58 - 120    | 4   | 30        |
| N-Nitrosodi-n-propylamine   | ND            |                  | 1890        | 1590       |               | ug/Kg | ✱ | 84   | 51 - 120    | 5   | 30        |
| N-Nitrosodiphenylamine      | ND            |                  | 1610        | 1460       |               | ug/Kg | ✱ | 91   | 70 - 120    | 1   | 30        |
| Naphthalene                 | ND            |                  | 1890        | 1550       |               | ug/Kg | ✱ | 82   | 62 - 120    | 1   | 30        |
| Nitrobenzene                | ND            |                  | 1890        | 1560       |               | ug/Kg | ✱ | 82   | 50 - 120    | 2   | 30        |
| Pentachlorophenol           | ND            |                  | 3780        | 3640       |               | ug/Kg | ✱ | 96   | 41 - 124    | 4   | 30        |
| Phenanthrene                | 13            | J                | 1890        | 1710       |               | ug/Kg | ✱ | 90   | 69 - 120    | 0   | 30        |
| Phenol                      | ND            |                  | 1890        | 1640       |               | ug/Kg | ✱ | 87   | 54 - 120    | 3   | 30        |
| Pyrene                      | 12            | J                | 1890        | 1640       |               | ug/Kg | ✱ | 86   | 69 - 120    | 6   | 30        |
| Bis(2-chloroethoxy)methane  | ND            |                  | 1890        | 1620       |               | ug/Kg | ✱ | 86   | 53 - 120    | 0   | 30        |
| Bis(2-chloroethyl)ether     | ND            |                  | 1890        | 1470       |               | ug/Kg | ✱ | 78   | 52 - 120    | 2   | 30        |
| Bis(2-ethylhexyl) phthalate | ND            |                  | 1890        | 1960       |               | ug/Kg | ✱ | 104  | 65 - 122    | 4   | 30        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-140000-14 MSD

Matrix: Solid

Analysis Batch: 414514

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 413420

| Surrogate                   | MSD<br>%Recovery | MSD<br>Qualifier | Limits   |
|-----------------------------|------------------|------------------|----------|
| 2,4,6-Tribromophenol (Surr) | 77               |                  | 10 - 138 |
| 2-Fluorobiphenyl (Surr)     | 73               |                  | 37 - 120 |
| 2-Fluorophenol (Surr)       | 69               |                  | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 69               |                  | 26 - 120 |
| p-Terphenyl-d14 (Surr)      | 81               |                  | 40 - 133 |
| Phenol-d5 (Surr)            | 72               |                  | 27 - 120 |

Lab Sample ID: MB 410-414990/1-A

Matrix: Solid

Analysis Batch: 415189

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 414990

| Analyte                      | MB<br>Result | MB<br>Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND           |                 | 37   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND           |                 | 43   | 20  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2,4,5-Trichlorophenol        | ND           |                 | 37   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2,4,6-Trichlorophenol        | ND           |                 | 37   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2,4-Dichlorophenol           | ND           |                 | 43   | 20  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2,4-Dimethylphenol           | ND           |                 | 37   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2,4-Dinitrophenol            | ND           |                 | 1000 | 170 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2,4-Dinitrotoluene           | ND           |                 | 170  | 33  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2,6-Dinitrotoluene           | ND           |                 | 37   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2-Chloronaphthalene          | ND           |                 | 33   | 13  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2-Chlorophenol               | ND           |                 | 37   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2-Methylnaphthalene          | ND           |                 | 17   | 5.0 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2-Methylphenol               | ND           |                 | 50   | 20  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2-Nitroaniline               | ND           |                 | 50   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2-Nitrophenol                | ND           |                 | 50   | 20  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 3,3'-Dichlorobenzidine       | ND           |                 | 170  | 33  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 3-Nitroaniline               | ND           |                 | 170  | 33  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND           |                 | 500  | 170 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 4-Bromophenyl phenyl ether   | ND           |                 | 37   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 4-Chloro-3-methylphenol      | ND           |                 | 50   | 20  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 4-Chloroaniline              | ND           |                 | 170  | 33  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 4-Chlorophenyl phenyl ether  | ND           |                 | 37   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 4-Methylphenol               | ND           |                 | 50   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 4-Nitroaniline               | ND           |                 | 170  | 33  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 4-Nitrophenol                | ND           |                 | 500  | 170 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Acenaphthene                 | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Acenaphthylene               | ND           |                 | 17   | 4.0 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Acetophenone                 | ND           |                 | 50   | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Anthracene                   | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Atrazine                     | ND           |                 | 170  | 67  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Benzaldehyde                 | ND           |                 | 170  | 33  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Benzo[a]anthracene           | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Benzo[a]pyrene               | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Benzo[b]fluoranthene         | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Benzo[g,h,i]perylene         | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Benzo[k]fluoranthene         | ND           |                 | 17   | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-414990/1-A

Matrix: Solid

Analysis Batch: 415189

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 414990

| Analyte                     | MB Result | MB Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-----|-----|-------|---|----------------|----------------|---------|
| Butyl benzyl phthalate      | ND        |              | 170 | 67  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Caprolactam                 | ND        |              | 170 | 33  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Carbazole                   | ND        |              | 37  | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Chrysene                    | ND        |              | 17  | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Di-n-butyl phthalate        | ND        |              | 170 | 67  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Di-n-octyl phthalate        | ND        |              | 170 | 67  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Dibenz(a,h)anthracene       | ND        |              | 17  | 6.7 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Dibenzofuran                | ND        |              | 37  | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Diethyl phthalate           | ND        |              | 170 | 67  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Dimethyl phthalate          | ND        |              | 170 | 67  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Fluoranthene                | ND        |              | 17  | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Fluorene                    | ND        |              | 17  | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Hexachlorobenzene           | ND        |              | 17  | 6.7 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Hexachlorobutadiene         | ND        |              | 50  | 20  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Hexachlorocyclopentadiene   | ND        |              | 500 | 170 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Hexachloroethane            | ND        |              | 170 | 33  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND        |              | 17  | 4.0 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Isophorone                  | ND        |              | 67  | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| N-Nitrosodi-n-propylamine   | ND        |              | 67  | 33  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Bis(2-chloroethoxy)methane  | ND        |              | 37  | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| N-Nitrosodiphenylamine      | ND        |              | 37  | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Bis(2-chloroethyl)ether     | ND        |              | 37  | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Naphthalene                 | ND        |              | 17  | 6.7 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Bis(2-ethylhexyl) phthalate | ND        |              | 170 | 67  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Nitrobenzene                | ND        |              | 37  | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Pentachlorophenol           | ND        |              | 170 | 67  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Phenanthrene                | ND        |              | 17  | 4.0 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Phenol                      | ND        |              | 37  | 17  | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Pyrene                      | ND        |              | 17  | 3.3 | ug/Kg |   | 08/31/23 16:30 | 09/01/23 09:43 | 1       |

| Tentatively Identified Compound | MB Est. Result | MB Qualifier | Unit  | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|----------------|--------------|-------|---|------|---------|----------------|----------------|---------|
| Unknown                         | 548            | T J          | ug/Kg |   | 3.66 | N/A     | 08/31/23 16:30 | 09/01/23 09:43 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr)     | 75           |              | 37 - 120 | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2-Fluorophenol (Surr)       | 74           |              | 22 - 120 | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Nitrobenzene-d5 (Surr)      | 73           |              | 26 - 120 | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| 2,4,6-Tribromophenol (Surr) | 79           |              | 10 - 138 | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| p-Terphenyl-d14 (Surr)      | 93           |              | 40 - 133 | 08/31/23 16:30 | 09/01/23 09:43 | 1       |
| Phenol-d5 (Surr)            | 76           |              | 27 - 120 | 08/31/23 16:30 | 09/01/23 09:43 | 1       |

Lab Sample ID: LCS 410-414990/2-A

Matrix: Solid

Analysis Batch: 415189

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 414990

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | Limits   |
|------------------------------|-------------|------------|---------------|-------|---|------|----------|
| 1,1'-Biphenyl                | 1670        | 1500       |               | ug/Kg |   | 90   | 63 - 120 |
| 2,2'-oxybis[1-chloropropane] | 1670        | 1550       |               | ug/Kg |   | 93   | 22 - 125 |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-414990/2-A

Matrix: Solid

Analysis Batch: 415189

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 414990

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 2,4,5-Trichlorophenol       | 1670        | 1650       |               | ug/Kg |   | 99   | 63 - 120    |
| 2,4,6-Trichlorophenol       | 1670        | 1660       |               | ug/Kg |   | 100  | 58 - 124    |
| 2,4-Dichlorophenol          | 1670        | 1530       |               | ug/Kg |   | 92   | 64 - 120    |
| 2,4-Dimethylphenol          | 1670        | 1400       |               | ug/Kg |   | 84   | 63 - 120    |
| 2,4-Dinitrophenol           | 3330        | 3090       |               | ug/Kg |   | 93   | 36 - 130    |
| 2,4-Dinitrotoluene          | 1670        | 1710       |               | ug/Kg |   | 103  | 65 - 120    |
| 2,6-Dinitrotoluene          | 1670        | 1550       |               | ug/Kg |   | 93   | 67 - 120    |
| 2-Chloronaphthalene         | 1670        | 1460       |               | ug/Kg |   | 88   | 63 - 120    |
| 2-Chlorophenol              | 1670        | 1480       |               | ug/Kg |   | 89   | 61 - 120    |
| 2-Methylnaphthalene         | 1670        | 1490       |               | ug/Kg |   | 89   | 61 - 120    |
| 2-Methylphenol              | 1670        | 1530       |               | ug/Kg |   | 92   | 59 - 120    |
| 2-Nitroaniline              | 1670        | 1660       |               | ug/Kg |   | 100  | 67 - 120    |
| 2-Nitrophenol               | 1670        | 1450       |               | ug/Kg |   | 87   | 60 - 120    |
| 3,3'-Dichlorobenzidine      | 3330        | 2230       |               | ug/Kg |   | 67   | 23 - 120    |
| 3-Nitroaniline              | 1670        | 1230       |               | ug/Kg |   | 74   | 34 - 120    |
| 4,6-Dinitro-2-methylphenol  | 3330        | 3600       |               | ug/Kg |   | 108  | 55 - 131    |
| 4-Bromophenyl phenyl ether  | 1670        | 1540       |               | ug/Kg |   | 92   | 66 - 120    |
| 4-Chloro-3-methylphenol     | 1670        | 1530       |               | ug/Kg |   | 92   | 59 - 120    |
| 4-Chloroaniline             | 1670        | 1130       |               | ug/Kg |   | 68   | 17 - 120    |
| 4-Chlorophenyl phenyl ether | 1670        | 1570       |               | ug/Kg |   | 94   | 65 - 120    |
| 4-Methylphenol              | 1670        | 1410       |               | ug/Kg |   | 85   | 59 - 120    |
| 4-Nitroaniline              | 1670        | 1560       |               | ug/Kg |   | 93   | 60 - 120    |
| 4-Nitrophenol               | 3330        | 3410       |               | ug/Kg |   | 102  | 41 - 130    |
| Acenaphthene                | 1670        | 1530       |               | ug/Kg |   | 92   | 65 - 120    |
| Acenaphthylene              | 1670        | 1560       |               | ug/Kg |   | 94   | 66 - 120    |
| Acetophenone                | 1670        | 1420       |               | ug/Kg |   | 85   | 56 - 120    |
| Anthracene                  | 1670        | 1640       |               | ug/Kg |   | 99   | 69 - 120    |
| Atrazine                    | 1670        | 1610       |               | ug/Kg |   | 96   | 59 - 140    |
| Benzaldehyde                | 1670        | 1310       |               | ug/Kg |   | 78   | 35 - 120    |
| Benzo[a]anthracene          | 1670        | 1690       |               | ug/Kg |   | 101  | 68 - 120    |
| Benzo[a]pyrene              | 1670        | 1750       |               | ug/Kg |   | 105  | 71 - 120    |
| Benzo[b]fluoranthene        | 1670        | 1520       |               | ug/Kg |   | 91   | 66 - 120    |
| Benzo[g,h,i]perylene        | 1670        | 1710       |               | ug/Kg |   | 102  | 69 - 120    |
| Benzo[k]fluoranthene        | 1670        | 1630       |               | ug/Kg |   | 98   | 68 - 120    |
| Butyl benzyl phthalate      | 1670        | 1750       |               | ug/Kg |   | 105  | 64 - 120    |
| Caprolactam                 | 1670        | 1480       |               | ug/Kg |   | 89   | 50 - 120    |
| Carbazole                   | 1670        | 1630       |               | ug/Kg |   | 98   | 69 - 120    |
| Chrysene                    | 1670        | 1710       |               | ug/Kg |   | 103  | 67 - 120    |
| Di-n-butyl phthalate        | 1670        | 1770       |               | ug/Kg |   | 106  | 67 - 128    |
| Di-n-octyl phthalate        | 1670        | 1880       |               | ug/Kg |   | 113  | 64 - 128    |
| Dibenz(a,h)anthracene       | 1670        | 1660       |               | ug/Kg |   | 100  | 70 - 123    |
| Dibenzofuran                | 1670        | 1520       |               | ug/Kg |   | 91   | 66 - 120    |
| Diethyl phthalate           | 1670        | 1540       |               | ug/Kg |   | 92   | 66 - 120    |
| Dimethyl phthalate          | 1670        | 1540       |               | ug/Kg |   | 92   | 65 - 120    |
| Fluoranthene                | 1670        | 1600       |               | ug/Kg |   | 96   | 67 - 120    |
| Fluorene                    | 1670        | 1570       |               | ug/Kg |   | 94   | 67 - 120    |
| Hexachlorobenzene           | 1670        | 1630       |               | ug/Kg |   | 98   | 64 - 120    |
| Hexachlorobutadiene         | 1670        | 1400       |               | ug/Kg |   | 84   | 52 - 120    |
| Hexachlorocyclopentadiene   | 1670        | 2230       | *+            | ug/Kg |   | 134  | 32 - 123    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-414990/2-A

Matrix: Solid

Analysis Batch: 415189

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 414990

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Hexachloroethane            | 1670        | 1300       |               | ug/Kg |   | 78   | 54 - 120    |
| Indeno[1,2,3-cd]pyrene      | 1670        | 1820       |               | ug/Kg |   | 109  | 67 - 122    |
| Isophorone                  | 1670        | 1500       |               | ug/Kg |   | 90   | 58 - 120    |
| N-Nitrosodi-n-propylamine   | 1670        | 1490       |               | ug/Kg |   | 89   | 51 - 120    |
| Bis(2-chloroethoxy)methane  | 1670        | 1500       |               | ug/Kg |   | 90   | 53 - 120    |
| N-Nitrosodiphenylamine      | 1420        | 1400       |               | ug/Kg |   | 99   | 70 - 120    |
| Bis(2-chloroethyl)ether     | 1670        | 1380       |               | ug/Kg |   | 83   | 52 - 120    |
| Naphthalene                 | 1670        | 1430       |               | ug/Kg |   | 86   | 62 - 120    |
| Bis(2-ethylhexyl) phthalate | 1670        | 1900       |               | ug/Kg |   | 114  | 65 - 122    |
| Nitrobenzene                | 1670        | 1460       |               | ug/Kg |   | 88   | 50 - 120    |
| Pentachlorophenol           | 3330        | 3550       |               | ug/Kg |   | 106  | 41 - 124    |
| Phenanthrene                | 1670        | 1600       |               | ug/Kg |   | 96   | 69 - 120    |
| Phenol                      | 1670        | 1560       |               | ug/Kg |   | 93   | 54 - 120    |
| Pyrene                      | 1670        | 1590       |               | ug/Kg |   | 95   | 69 - 120    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2-Fluorobiphenyl (Surr)     | 79            |               | 37 - 120 |
| 2-Fluorophenol (Surr)       | 76            |               | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 76            |               | 26 - 120 |
| 2,4,6-Tribromophenol (Surr) | 83            |               | 10 - 138 |
| p-Terphenyl-d14 (Surr)      | 93            |               | 40 - 133 |
| Phenol-d5 (Surr)            | 78            |               | 27 - 120 |

## Method: 6010D - Metals (ICP)

Lab Sample ID: MB 410-411750/1-A

Matrix: Solid

Analysis Batch: 412040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411750

| Analyte | MB Result | MB Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | ND        |              | 5.0 | 2.0 | mg/Kg |   | 08/23/23 20:06 | 08/24/23 06:39 | 1       |

Lab Sample ID: LCS 410-411750/2-A

Matrix: Solid

Analysis Batch: 412040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411750

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|-------|---|------|-------------|
| Lithium | 50.0        | 47.4       |               | mg/Kg |   | 95   | 80 - 120    |

Lab Sample ID: MB 410-411757/1-A

Matrix: Solid

Analysis Batch: 412040

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411757

| Analyte | MB Result | MB Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | ND        |              | 5.0 | 2.0 | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:34 | 1       |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-411757/2-A

Matrix: Solid

Analysis Batch: 412040

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411757

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|-------|---|------|-------------|
| Lithium | 50.0        | 47.8       |               | mg/Kg |   | 96   | 80 - 120    |

Lab Sample ID: 410-140000-14 MS

Matrix: Solid

Analysis Batch: 412040

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Lithium | 28            |                  | 55.0        | 71.9      |              | mg/Kg | ✱ | 81   | 75 - 125    |

Lab Sample ID: 410-140000-14 MSD

Matrix: Solid

Analysis Batch: 412040

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Lithium | 28            |                  | 55.0        | 69.8       |               | mg/Kg | ✱ | 77   | 75 - 125    | 3   | 20        |

Lab Sample ID: 410-140000-14 DU

Matrix: Solid

Analysis Batch: 412040

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Lithium | 28            |                  | 23.4      |              | mg/Kg | ✱ | 17  | 20        |

Lab Sample ID: MB 410-411817/1-A

Matrix: Water

Analysis Batch: 412324

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 411817

| Analyte | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| Lithium | 0.0112    | J            | 0.050 | 0.011 | mg/L |   | 08/24/23 00:56 | 08/24/23 17:53 | 1       |

Lab Sample ID: LCS 410-411817/2-A

Matrix: Water

Analysis Batch: 412324

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 411817

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Lithium | 0.500       | 0.504      |               | mg/L |   | 101  | 80 - 120    |

## Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-411750/1-A ^2

Matrix: Solid

Analysis Batch: 414107

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411750

| Analyte   | MB Result | MB Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | ND        |              | 20   | 9.9   | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Antimony  | ND        |              | 0.20 | 0.080 | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Arsenic   | ND        |              | 0.40 | 0.13  | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Barium    | ND        |              | 0.40 | 0.18  | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Beryllium | ND        |              | 0.10 | 0.024 | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Cadmium   | ND        |              | 0.10 | 0.040 | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-411750/1-A ^2

Matrix: Solid

Analysis Batch: 414107

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411750

| Analyte   | MB<br>Result | MB<br>Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------------|-----------------|------|-------|-------|---|----------------|----------------|---------|
| Calcium   | ND           |                 | 40   | 20    | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Chromium  | ND           |                 | 0.40 | 0.19  | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Cobalt    | ND           |                 | 0.20 | 0.080 | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Copper    | ND           |                 | 0.40 | 0.18  | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Iron      | ND           |                 | 20   | 9.2   | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Lead      | ND           |                 | 0.20 | 0.076 | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Magnesium | ND           |                 | 10   | 4.9   | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Manganese | ND           |                 | 0.40 | 0.20  | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Nickel    | ND           |                 | 0.40 | 0.19  | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Potassium | ND           |                 | 40   | 16    | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Selenium  | ND           |                 | 0.40 | 0.10  | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Silver    | ND           |                 | 0.10 | 0.041 | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Sodium    | ND           |                 | 50   | 24    | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Thallium  | ND           |                 | 0.10 | 0.039 | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |
| Vanadium  | ND           |                 | 0.80 | 0.20  | mg/Kg |   | 08/23/23 20:06 | 08/29/23 21:43 | 2       |

Lab Sample ID: MB 410-411750/1-A ^2

Matrix: Solid

Analysis Batch: 414296

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411750

| Analyte | MB<br>Result | MB<br>Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------------|-----------------|----|-----|-------|---|----------------|----------------|---------|
| Zinc    | ND           |                 | 30 | 4.0 | mg/Kg |   | 08/23/23 20:06 | 08/30/23 10:03 | 2       |

Lab Sample ID: LCS 410-411750/2-A ^2

Matrix: Solid

Analysis Batch: 414107

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411750

| Analyte   | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|-----------|----------------|---------------|------------------|-------|---|------|----------------|
| Aluminum  | 500            | 490           |                  | mg/Kg |   | 98   | 80 - 120       |
| Antimony  | 10.0           | 9.78          |                  | mg/Kg |   | 98   | 80 - 120       |
| Arsenic   | 50.0           | 48.1          |                  | mg/Kg |   | 96   | 80 - 120       |
| Barium    | 50.0           | 49.8          |                  | mg/Kg |   | 100  | 80 - 120       |
| Beryllium | 5.00           | 4.88          |                  | mg/Kg |   | 98   | 80 - 120       |
| Cadmium   | 5.00           | 5.04          |                  | mg/Kg |   | 101  | 80 - 120       |
| Calcium   | 500            | 484           |                  | mg/Kg |   | 97   | 80 - 120       |
| Chromium  | 50.0           | 48.0          |                  | mg/Kg |   | 96   | 80 - 120       |
| Cobalt    | 50.0           | 48.1          |                  | mg/Kg |   | 96   | 80 - 120       |
| Copper    | 50.0           | 48.0          |                  | mg/Kg |   | 96   | 80 - 120       |
| Iron      | 500            | 487           |                  | mg/Kg |   | 97   | 80 - 120       |
| Lead      | 5.00           | 4.87          |                  | mg/Kg |   | 97   | 80 - 120       |
| Magnesium | 500            | 495           |                  | mg/Kg |   | 99   | 80 - 120       |
| Manganese | 50.0           | 49.4          |                  | mg/Kg |   | 99   | 80 - 120       |
| Nickel    | 50.0           | 48.9          |                  | mg/Kg |   | 98   | 80 - 120       |
| Potassium | 500            | 473           |                  | mg/Kg |   | 95   | 80 - 120       |
| Selenium  | 10.0           | 9.76          |                  | mg/Kg |   | 98   | 80 - 120       |
| Silver    | 5.00           | 5.06          |                  | mg/Kg |   | 101  | 80 - 120       |
| Sodium    | 500            | 484           |                  | mg/Kg |   | 97   | 80 - 120       |
| Thallium  | 10.0           | 9.71          |                  | mg/Kg |   | 97   | 80 - 120       |
| Vanadium  | 50.0           | 48.4          |                  | mg/Kg |   | 97   | 80 - 120       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-411750/2-A ^2

Matrix: Solid

Analysis Batch: 414296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411750

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|-------|---|------|-------------|
| Zinc    | 50.0        | 50.3       |               | mg/Kg |   | 101  | 80 - 120    |

Lab Sample ID: MB 410-411757/1-A ^2

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411757

| Analyte   | MB Result | MB Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | ND        |              | 20   | 9.9   | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Antimony  | ND        |              | 0.20 | 0.080 | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Arsenic   | ND        |              | 0.40 | 0.13  | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Barium    | ND        |              | 0.40 | 0.18  | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Cadmium   | ND        |              | 0.10 | 0.040 | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Calcium   | ND        |              | 40   | 20    | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Chromium  | ND        |              | 0.40 | 0.19  | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Cobalt    | ND        |              | 0.20 | 0.080 | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Copper    | ND        |              | 0.40 | 0.18  | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Iron      | ND        |              | 20   | 9.2   | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Lead      | ND        |              | 0.20 | 0.076 | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Magnesium | ND        |              | 10   | 4.9   | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Manganese | ND        |              | 0.40 | 0.20  | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Nickel    | ND        |              | 0.40 | 0.19  | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Potassium | ND        |              | 40   | 16    | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Selenium  | ND        |              | 0.40 | 0.10  | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Silver    | ND        |              | 0.10 | 0.041 | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Sodium    | ND        |              | 50   | 24    | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Thallium  | ND        |              | 0.10 | 0.039 | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Zinc      | ND        |              | 30   | 4.0   | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |
| Vanadium  | ND        |              | 0.80 | 0.20  | mg/Kg |   | 08/23/23 20:29 | 08/24/23 07:21 | 2       |

Lab Sample ID: MB 410-411757/1-A ^2

Matrix: Solid

Analysis Batch: 413831

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411757

| Analyte   | MB Result | MB Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|------|-------|-------|---|----------------|----------------|---------|
| Beryllium | ND        |              | 0.10 | 0.024 | mg/Kg |   | 08/23/23 20:29 | 08/29/23 11:26 | 2       |

Lab Sample ID: LCS 410-411757/2-A ^2

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411757

| Analyte   | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|-------|---|------|-------------|
| Aluminum  | 500         | 496        |               | mg/Kg |   | 99   | 80 - 120    |
| Antimony  | 10.0        | 9.91       |               | mg/Kg |   | 99   | 80 - 120    |
| Arsenic   | 50.0        | 49.5       |               | mg/Kg |   | 99   | 80 - 120    |
| Barium    | 50.0        | 51.1       |               | mg/Kg |   | 102  | 80 - 120    |
| Beryllium | 5.00        | 4.95       |               | mg/Kg |   | 99   | 80 - 120    |
| Cadmium   | 5.00        | 5.13       |               | mg/Kg |   | 103  | 80 - 120    |
| Calcium   | 500         | 513        |               | mg/Kg |   | 103  | 80 - 120    |
| Chromium  | 50.0        | 49.4       |               | mg/Kg |   | 99   | 80 - 120    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-411757/2-A ^2

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411757

| Analyte   | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|-------|---|------|-------------|
| Cobalt    | 50.0        | 49.9       |               | mg/Kg |   | 100  | 80 - 120    |
| Copper    | 50.0        | 50.3       |               | mg/Kg |   | 101  | 80 - 120    |
| Iron      | 500         | 502        |               | mg/Kg |   | 100  | 80 - 120    |
| Lead      | 5.00        | 4.91       |               | mg/Kg |   | 98   | 80 - 120    |
| Magnesium | 500         | 499        |               | mg/Kg |   | 100  | 80 - 120    |
| Manganese | 50.0        | 50.0       |               | mg/Kg |   | 100  | 80 - 120    |
| Nickel    | 50.0        | 49.4       |               | mg/Kg |   | 99   | 80 - 120    |
| Potassium | 500         | 499        |               | mg/Kg |   | 100  | 80 - 120    |
| Selenium  | 10.0        | 10.1       |               | mg/Kg |   | 101  | 80 - 120    |
| Silver    | 5.00        | 5.18       |               | mg/Kg |   | 104  | 80 - 120    |
| Sodium    | 500         | 503        |               | mg/Kg |   | 101  | 80 - 120    |
| Thallium  | 10.0        | 9.85       |               | mg/Kg |   | 99   | 80 - 120    |
| Zinc      | 50.0        | 50.0       |               | mg/Kg |   | 100  | 80 - 120    |
| Vanadium  | 50.0        | 49.4       |               | mg/Kg |   | 99   | 80 - 120    |

Lab Sample ID: LCS 410-411757/2-A ^2

Matrix: Solid

Analysis Batch: 413831

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411757

| Analyte   | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|-------|---|------|-------------|
| Beryllium | 5.00        | 4.73       |               | mg/Kg |   | 95   | 80 - 120    |

Lab Sample ID: 410-140000-14 MS

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Antimony  | 0.25          | F1               | 11.0        | 7.23      | F1           | mg/Kg | ✱ | 63   | 75 - 125    |
| Arsenic   | 3.0           |                  | 55.0        | 55.5      |              | mg/Kg | ✱ | 95   | 75 - 125    |
| Beryllium | 1.2           | B                | 5.50        | 6.91      |              | mg/Kg | ✱ | 103  | 75 - 125    |
| Cadmium   | 0.12          |                  | 5.50        | 5.45      |              | mg/Kg | ✱ | 97   | 75 - 125    |
| Calcium   | 15000         | F2               | 550         | 10600     | 4            | mg/Kg | ✱ | -797 | 75 - 125    |
| Chromium  | 37            |                  | 55.0        | 93.3      |              | mg/Kg | ✱ | 103  | 75 - 125    |
| Cobalt    | 13            |                  | 55.0        | 65.4      |              | mg/Kg | ✱ | 94   | 75 - 125    |
| Copper    | 22            |                  | 55.0        | 74.0      |              | mg/Kg | ✱ | 94   | 75 - 125    |
| Lead      | 12            |                  | 5.50        | 16.6      |              | mg/Kg | ✱ | 90   | 75 - 125    |
| Magnesium | 10000         |                  | 550         | 9940      | 4            | mg/Kg | ✱ | -94  | 75 - 125    |
| Manganese | 540           |                  | 55.0        | 580       | 4            | mg/Kg | ✱ | 68   | 75 - 125    |
| Nickel    | 25            |                  | 55.0        | 77.2      |              | mg/Kg | ✱ | 95   | 75 - 125    |
| Potassium | 5300          |                  | 550         | 7310      | 4            | mg/Kg | ✱ | 358  | 75 - 125    |
| Selenium  | 0.15          | J                | 11.0        | 10.7      |              | mg/Kg | ✱ | 96   | 75 - 125    |
| Silver    | 0.052         | J                | 5.50        | 5.51      |              | mg/Kg | ✱ | 99   | 75 - 125    |
| Sodium    | 320           |                  | 550         | 887       |              | mg/Kg | ✱ | 104  | 75 - 125    |
| Thallium  | 0.30          |                  | 11.0        | 10.9      |              | mg/Kg | ✱ | 97   | 75 - 125    |
| Zinc      | 74            |                  | 55.0        | 124       |              | mg/Kg | ✱ | 92   | 75 - 125    |
| Vanadium  | 55            | F1               | 55.0        | 112       |              | mg/Kg | ✱ | 104  | 75 - 125    |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-140000-14 MS

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Aluminum | 23000         |                  | 550         | 32100     | 4            | mg/Kg | ✱ | 1570 | 75 - 125    |
| Barium   | 180           | F1               | 55.0        | 273       | F1           | mg/Kg | ✱ | 167  | 75 - 125    |
| Iron     | 26000         |                  | 550         | 31100     | 4            | mg/Kg | ✱ | 921  | 75 - 125    |

Lab Sample ID: 410-140000-14 MSD

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Antimony  | 0.25          | F1               | 11.0        | 7.26       | F1            | mg/Kg | ✱ | 64   | 75 - 125    | 0   | 20        |
| Arsenic   | 3.0           |                  | 55.0        | 56.5       |               | mg/Kg | ✱ | 97   | 75 - 125    | 2   | 20        |
| Beryllium | 1.2           | B                | 5.50        | 7.13       |               | mg/Kg | ✱ | 107  | 75 - 125    | 3   | 20        |
| Cadmium   | 0.12          |                  | 5.50        | 5.48       |               | mg/Kg | ✱ | 97   | 75 - 125    | 1   | 20        |
| Calcium   | 15000         | F2               | 550         | 15300      | 4 F2          | mg/Kg | ✱ | 59   | 75 - 125    | 36  | 20        |
| Chromium  | 37            |                  | 55.0        | 99.1       |               | mg/Kg | ✱ | 113  | 75 - 125    | 6   | 20        |
| Cobalt    | 13            |                  | 55.0        | 68.1       |               | mg/Kg | ✱ | 99   | 75 - 125    | 4   | 20        |
| Copper    | 22            |                  | 55.0        | 79.4       |               | mg/Kg | ✱ | 103  | 75 - 125    | 7   | 20        |
| Lead      | 12            |                  | 5.50        | 17.6       |               | mg/Kg | ✱ | 107  | 75 - 125    | 6   | 20        |
| Magnesium | 10000         |                  | 550         | 11900      | 4             | mg/Kg | ✱ | 257  | 75 - 125    | 18  | 20        |
| Manganese | 540           |                  | 55.0        | 529        | 4             | mg/Kg | ✱ | -24  | 75 - 125    | 9   | 20        |
| Nickel    | 25            |                  | 55.0        | 78.9       |               | mg/Kg | ✱ | 98   | 75 - 125    | 2   | 20        |
| Potassium | 5300          |                  | 550         | 8260       | 4             | mg/Kg | ✱ | 531  | 75 - 125    | 12  | 20        |
| Selenium  | 0.15          | J                | 11.0        | 11.2       |               | mg/Kg | ✱ | 101  | 75 - 125    | 5   | 20        |
| Silver    | 0.052         | J                | 5.50        | 5.65       |               | mg/Kg | ✱ | 102  | 75 - 125    | 3   | 20        |
| Sodium    | 320           |                  | 550         | 921        |               | mg/Kg | ✱ | 110  | 75 - 125    | 4   | 20        |
| Thallium  | 0.30          |                  | 11.0        | 11.2       |               | mg/Kg | ✱ | 99   | 75 - 125    | 2   | 20        |
| Zinc      | 74            |                  | 55.0        | 131        |               | mg/Kg | ✱ | 105  | 75 - 125    | 6   | 20        |
| Vanadium  | 55            | F1               | 55.0        | 129        | F1            | mg/Kg | ✱ | 135  | 75 - 125    | 14  | 20        |

Lab Sample ID: 410-140000-14 MSD

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Aluminum | 23000         |                  | 550         | 31900      | 4             | mg/Kg | ✱ | 1546 | 75 - 125    | 0   | 20        |
| Barium   | 180           | F1               | 55.0        | 236        |               | mg/Kg | ✱ | 100  | 75 - 125    | 15  | 20        |
| Iron     | 26000         |                  | 550         | 31000      | 4             | mg/Kg | ✱ | 919  | 75 - 125    | 0   | 20        |

Lab Sample ID: 410-140000-14 DU

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte   | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|-----------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Antimony  | 0.25          | F1               | 0.236     |              | mg/Kg | ✱ | 5   | 20        |
| Arsenic   | 3.0           |                  | 3.55      |              | mg/Kg | ✱ | 16  | 20        |
| Beryllium | 1.2           | B                | 1.35      |              | mg/Kg | ✱ | 10  | 20        |
| Cadmium   | 0.12          |                  | 0.0844    | J F5         | mg/Kg | ✱ | 38  | 20        |
| Calcium   | 15000         | F2               | 29800     | E F3         | mg/Kg | ✱ | 66  | 20        |
| Chromium  | 37            |                  | 32.6      |              | mg/Kg | ✱ | 12  | 20        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-140000-14 DU

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte   | Sample | Sample    | DU     | DU        | Unit  | D | RPD | Limit |
|-----------|--------|-----------|--------|-----------|-------|---|-----|-------|
|           | Result | Qualifier | Result | Qualifier |       |   |     |       |
| Cobalt    | 13     |           | 13.4   |           | mg/Kg | ✖ | 0.3 | 20    |
| Copper    | 22     |           | 19.3   |           | mg/Kg | ✖ | 15  | 20    |
| Lead      | 12     |           | 11.2   |           | mg/Kg | ✖ | 4   | 20    |
| Magnesium | 10000  |           | 11300  |           | mg/Kg | ✖ | 8   | 20    |
| Manganese | 540    |           | 539    |           | mg/Kg | ✖ | 0.7 | 20    |
| Nickel    | 25     |           | 23.0   |           | mg/Kg | ✖ | 7   | 20    |
| Potassium | 5300   |           | 4950   |           | mg/Kg | ✖ | 8   | 20    |
| Selenium  | 0.15   | J         | 0.127  | J         | mg/Kg | ✖ | 15  | 20    |
| Silver    | 0.052  | J         | 0.0521 | J         | mg/Kg | ✖ | 0.7 | 20    |
| Sodium    | 320    |           | 280    |           | mg/Kg | ✖ | 12  | 20    |
| Thallium  | 0.30   |           | 0.257  |           | mg/Kg | ✖ | 17  | 20    |
| Zinc      | 74     |           | 62.6   |           | mg/Kg | ✖ | 16  | 20    |
| Vanadium  | 55     | F1        | 49.6   |           | mg/Kg | ✖ | 10  | 20    |

Lab Sample ID: 410-140000-14 DU

Matrix: Solid

Analysis Batch: 412043

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411757

| Analyte  | Sample | Sample    | DU     | DU        | Unit  | D | RPD | Limit |
|----------|--------|-----------|--------|-----------|-------|---|-----|-------|
|          | Result | Qualifier | Result | Qualifier |       |   |     |       |
| Aluminum | 23000  |           | 23400  |           | mg/Kg | ✖ | 0.1 | 20    |
| Barium   | 180    | F1        | 188    |           | mg/Kg | ✖ | 4   | 20    |
| Iron     | 26000  |           | 26800  |           | mg/Kg | ✖ | 3   | 20    |

Lab Sample ID: MB 410-411817/1-A

Matrix: Water

Analysis Batch: 413515

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 411817

| Analyte   | MB     | MB        | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|------|---|----------------|----------------|---------|
|           | Result | Qualifier |      |      |      |   |                |                |         |
| Aluminum  | ND     | ^3+       | 25   | 12   | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Antimony  | ND     |           | 1.0  | 0.20 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Arsenic   | ND     |           | 2.0  | 0.68 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Beryllium | ND     |           | 0.50 | 0.12 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Cadmium   | ND     |           | 0.50 | 0.15 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Chromium  | ND     |           | 2.0  | 0.55 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Cobalt    | ND     |           | 0.50 | 0.16 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Copper    | ND     |           | 1.0  | 0.36 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Iron      | ND     |           | 50   | 20   | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Lead      | ND     |           | 0.50 | 0.12 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Magnesium | ND     |           | 50   | 16   | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Manganese | ND     |           | 2.0  | 0.95 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Potassium | ND     |           | 200  | 65   | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Selenium  | ND     |           | 1.0  | 0.28 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Silver    | ND     |           | 0.50 | 0.10 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Sodium    | ND     |           | 200  | 90   | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Thallium  | ND     |           | 0.50 | 0.13 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Zinc      | ND     |           | 10   | 4.0  | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |
| Vanadium  | ND     |           | 4.0  | 0.79 | ug/L |   | 08/24/23 00:56 | 08/28/23 18:55 | 1       |



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-411817/1-A

Matrix: Water

Analysis Batch: 414312

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 411817

| Analyte | MB<br>Result | MB<br>Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------------|-----------------|-----|------|------|---|----------------|----------------|---------|
| Barium  | ND           |                 | 2.0 | 0.75 | ug/L |   | 08/24/23 00:56 | 08/30/23 08:24 | 1       |
| Calcium | ND           |                 | 120 | 50   | ug/L |   | 08/24/23 00:56 | 08/30/23 08:24 | 1       |
| Nickel  | ND           |                 | 1.0 | 0.40 | ug/L |   | 08/24/23 00:56 | 08/30/23 08:24 | 1       |

Lab Sample ID: LCS 410-411817/2-A

Matrix: Water

Analysis Batch: 413515

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 411817

| Analyte   | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------|----------------|---------------|------------------|------|---|------|----------------|
| Antimony  | 100            | 99.1          |                  | ug/L |   | 99   | 80 - 120       |
| Arsenic   | 500            | 506           |                  | ug/L |   | 101  | 85 - 120       |
| Beryllium | 50.0           | 46.5          |                  | ug/L |   | 93   | 90 - 112       |
| Cadmium   | 50.0           | 51.5          |                  | ug/L |   | 103  | 86 - 113       |
| Calcium   | 5000           | 5180          |                  | ug/L |   | 104  | 85 - 120       |
| Chromium  | 500            | 515           |                  | ug/L |   | 103  | 90 - 115       |
| Cobalt    | 500            | 516           |                  | ug/L |   | 103  | 90 - 113       |
| Copper    | 500            | 519           |                  | ug/L |   | 104  | 80 - 120       |
| Iron      | 5000           | 5080          |                  | ug/L |   | 102  | 88 - 119       |
| Lead      | 50.0           | 52.1          |                  | ug/L |   | 104  | 90 - 115       |
| Magnesium | 5000           | 5200          |                  | ug/L |   | 104  | 90 - 112       |
| Manganese | 500            | 508           |                  | ug/L |   | 102  | 89 - 120       |
| Nickel    | 500            | 516           |                  | ug/L |   | 103  | 90 - 114       |
| Potassium | 5000           | 5150          |                  | ug/L |   | 103  | 90 - 112       |
| Selenium  | 100            | 106           |                  | ug/L |   | 106  | 80 - 120       |
| Silver    | 50.0           | 52.5          |                  | ug/L |   | 105  | 88 - 113       |
| Sodium    | 5000           | 5160          |                  | ug/L |   | 103  | 89 - 112       |
| Thallium  | 100            | 105           |                  | ug/L |   | 105  | 80 - 120       |
| Zinc      | 500            | 503           |                  | ug/L |   | 101  | 90 - 115       |
| Vanadium  | 500            | 515           |                  | ug/L |   | 103  | 90 - 115       |

Lab Sample ID: LCS 410-411817/2-A

Matrix: Water

Analysis Batch: 414312

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 411817

| Analyte  | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|----------|----------------|---------------|------------------|------|---|------|----------------|
| Aluminum | 5000           | 5090          |                  | ug/L |   | 102  | 87 - 119       |
| Barium   | 500            | 528           |                  | ug/L |   | 106  | 80 - 120       |

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-411949/1-A

Matrix: Water

Analysis Batch: 412588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411949

| Analyte | MB<br>Result | MB<br>Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------------|-----------------|------|-------|------|---|----------------|----------------|---------|
| Mercury | ND           |                 | 0.20 | 0.079 | ug/L |   | 08/24/23 08:23 | 08/25/23 10:16 | 1       |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 410-411949/2-A

Matrix: Water

Analysis Batch: 412588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411949

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|------|---|------|-------------|
| Mercury | 1.00        | 0.960      |               | ug/L |   | 96   | 80 - 118    |

## Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-411770/1-A

Matrix: Solid

Analysis Batch: 412073

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 411770

| Analyte | MB Result | MB Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | ND        |              | 0.036 | 0.012 | mg/Kg |   | 08/23/23 22:39 | 08/24/23 10:58 | 1       |

Lab Sample ID: LCS 410-411770/2-A

Matrix: Solid

Analysis Batch: 412073

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 411770

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|-------|---|------|-------------|
| Mercury | 0.100       | 0.102      |               | mg/Kg |   | 102  | 80 - 120    |

Lab Sample ID: 410-140000-14 MS

Matrix: Solid

Analysis Batch: 412073

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411770

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Mercury | 0.023         | J                | 0.180       | 0.214     |              | mg/Kg | ✱ | 106  | 80 - 120    |

Lab Sample ID: 410-140000-14 MSD

Matrix: Solid

Analysis Batch: 412073

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411770

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Mercury | 0.023         | J                | 0.174       | 0.215      |               | mg/Kg | ✱ | 110  | 80 - 120    | 0   | 20        |

Lab Sample ID: 410-140000-14 DU

Matrix: Solid

Analysis Batch: 412073

Client Sample ID: SS-5 (0-0.25)

Prep Type: Total/NA

Prep Batch: 411770

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Mercury | 0.023         | J                | ND        |              | mg/Kg | ✱ | NC  | 20        |

# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## GC/MS VOA

### Prep Batch: 412678

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 410-140000-1      | SS-3 (0-0.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-2      | SS-3 (0.75-1)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-3      | SS-2 (0-0.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-4      | SS-2 (0.75-1)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-5      | SS-1 (0-0.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-6      | SS-1 (0.75-1)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-7      | SS-7 (0-0.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-8      | SS-7 (0.75-1)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-9      | SS-8 (0-0.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-10     | SS-8 (0.75-1)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-12     | SS-9 (0-0.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-13     | SS-9 (0.75-1)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-14     | SS-5 (0-0.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-18     | SS-5 (0.75-1)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-14 MS  | SS-5 (0-0.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140000-14 MSD | SS-5 (0-0.25)    | Total/NA  | Solid  | 5035   |            |

### Analysis Batch: 413492

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-11    | TB1-20230822       | Total/NA  | Water  | 8260D  |            |
| 410-140000-15    | TB2-20230822       | Total/NA  | Water  | 8260D  |            |
| 410-140000-16    | EB1-20230822       | Total/NA  | Water  | 8260D  |            |
| 410-140000-17    | EB2-20230822       | Total/NA  | Water  | 8260D  |            |
| MB 410-413492/6  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 410-413492/4 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

### Analysis Batch: 413639

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 410-140000-1      | SS-3 (0-0.25)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-2      | SS-3 (0.75-1)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-3      | SS-2 (0-0.25)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-4      | SS-2 (0.75-1)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-5      | SS-1 (0-0.25)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-6      | SS-1 (0.75-1)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-7      | SS-7 (0-0.25)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-8      | SS-7 (0.75-1)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-9      | SS-8 (0-0.25)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-10     | SS-8 (0.75-1)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-12     | SS-9 (0-0.25)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-13     | SS-9 (0.75-1)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-14     | SS-5 (0-0.25)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-18     | SS-5 (0.75-1)          | Total/NA  | Solid  | 8260D  | 412678     |
| MB 410-413639/7   | Method Blank           | Total/NA  | Solid  | 8260D  |            |
| LCS 410-413639/4  | Lab Control Sample     | Total/NA  | Solid  | 8260D  |            |
| LCSD 410-413639/5 | Lab Control Sample Dup | Total/NA  | Solid  | 8260D  |            |
| 410-140000-14 MS  | SS-5 (0-0.25)          | Total/NA  | Solid  | 8260D  | 412678     |
| 410-140000-14 MSD | SS-5 (0-0.25)          | Total/NA  | Solid  | 8260D  | 412678     |

# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## GC/MS Semi VOA

### Prep Batch: 413148

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 410-140000-16       | EB1-20230822           | Total/NA  | Water  | 3510C  |            |
| MB 410-413148/1-A   | Method Blank           | Total/NA  | Water  | 3510C  |            |
| LCS 410-413148/2-A  | Lab Control Sample     | Total/NA  | Water  | 3510C  |            |
| LCSD 410-413148/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3510C  |            |

### Prep Batch: 413381

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 410-140000-17       | EB2-20230822           | Total/NA  | Water  | 3510C  |            |
| MB 410-413381/1-A   | Method Blank           | Total/NA  | Water  | 3510C  |            |
| LCS 410-413381/2-A  | Lab Control Sample     | Total/NA  | Water  | 3510C  |            |
| LCSD 410-413381/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3510C  |            |

### Prep Batch: 413420

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-1       | SS-3 (0-0.25)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-2       | SS-3 (0.75-1)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-3       | SS-2 (0-0.25)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-4       | SS-2 (0.75-1)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-5       | SS-1 (0-0.25)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-6       | SS-1 (0.75-1)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-7       | SS-7 (0-0.25)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-8       | SS-7 (0.75-1)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-9       | SS-8 (0-0.25)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-10      | SS-8 (0.75-1)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-13      | SS-9 (0.75-1)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-14      | SS-5 (0-0.25)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-18      | SS-5 (0.75-1)      | Total/NA  | Solid  | 3546   |            |
| MB 410-413420/1-A  | Method Blank       | Total/NA  | Solid  | 3546   |            |
| LCS 410-413420/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |
| 410-140000-14 MS   | SS-5 (0-0.25)      | Total/NA  | Solid  | 3546   |            |
| 410-140000-14 MSD  | SS-5 (0-0.25)      | Total/NA  | Solid  | 3546   |            |

### Analysis Batch: 413455

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 410-140000-16       | EB1-20230822           | Total/NA  | Water  | 8270E  | 413148     |
| MB 410-413148/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 413148     |
| LCS 410-413148/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 413148     |
| LCSD 410-413148/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 413148     |

### Analysis Batch: 413475

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 410-140000-17       | EB2-20230822           | Total/NA  | Water  | 8270E  | 413381     |
| MB 410-413381/1-A   | Method Blank           | Total/NA  | Water  | 8270E  | 413381     |
| LCS 410-413381/2-A  | Lab Control Sample     | Total/NA  | Water  | 8270E  | 413381     |
| LCSD 410-413381/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 413381     |

### Analysis Batch: 413714

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 410-140000-1  | SS-3 (0-0.25)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-2  | SS-3 (0.75-1)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-3  | SS-2 (0-0.25)    | Total/NA  | Solid  | 8270E  | 413420     |

Eurofins Lancaster Laboratories Environment Testing, LLC

## QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### GC/MS Semi VOA (Continued)

#### Analysis Batch: 413714 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-4       | SS-2 (0.75-1)      | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-5       | SS-1 (0-0.25)      | Total/NA  | Solid  | 8270E  | 413420     |
| MB 410-413420/1-A  | Method Blank       | Total/NA  | Solid  | 8270E  | 413420     |
| LCS 410-413420/2-A | Lab Control Sample | Total/NA  | Solid  | 8270E  | 413420     |

#### Analysis Batch: 414158

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 410-140000-6  | SS-1 (0.75-1)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-7  | SS-7 (0-0.25)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-8  | SS-7 (0.75-1)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-9  | SS-8 (0-0.25)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-10 | SS-8 (0.75-1)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-13 | SS-9 (0.75-1)    | Total/NA  | Solid  | 8270E  | 413420     |

#### Analysis Batch: 414514

| Lab Sample ID     | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 410-140000-14     | SS-5 (0-0.25)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-18     | SS-5 (0.75-1)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-14 MS  | SS-5 (0-0.25)    | Total/NA  | Solid  | 8270E  | 413420     |
| 410-140000-14 MSD | SS-5 (0-0.25)    | Total/NA  | Solid  | 8270E  | 413420     |

#### Prep Batch: 414990

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-12      | SS-9 (0-0.25)      | Total/NA  | Solid  | 3546   |            |
| MB 410-414990/1-A  | Method Blank       | Total/NA  | Solid  | 3546   |            |
| LCS 410-414990/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |

#### Analysis Batch: 415189

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-12      | SS-9 (0-0.25)      | Total/NA  | Solid  | 8270E  | 414990     |
| MB 410-414990/1-A  | Method Blank       | Total/NA  | Solid  | 8270E  | 414990     |
| LCS 410-414990/2-A | Lab Control Sample | Total/NA  | Solid  | 8270E  | 414990     |

### Metals

#### Prep Batch: 411750

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-1          | SS-3 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-3          | SS-2 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-4          | SS-2 (0.75-1)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-12         | SS-9 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |
| MB 410-411750/1-A     | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| MB 410-411750/1-A ^2  | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| LCS 410-411750/2-A    | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| LCS 410-411750/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |

#### Prep Batch: 411757

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 410-140000-2  | SS-3 (0.75-1)    | Total/NA  | Solid  | 3050B  |            |
| 410-140000-5  | SS-1 (0-0.25)    | Total/NA  | Solid  | 3050B  |            |
| 410-140000-6  | SS-1 (0.75-1)    | Total/NA  | Solid  | 3050B  |            |



# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Metals (Continued)

### Prep Batch: 411757 (Continued)

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-7          | SS-7 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-8          | SS-7 (0.75-1)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-9          | SS-8 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-10         | SS-8 (0.75-1)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-13         | SS-9 (0.75-1)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-14         | SS-5 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-18         | SS-5 (0.75-1)      | Total/NA  | Solid  | 3050B  |            |
| MB 410-411757/1-A     | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| MB 410-411757/1-A ^2  | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| LCS 410-411757/2-A    | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| LCS 410-411757/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| 410-140000-14 MS      | SS-5 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-14 MSD     | SS-5 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-140000-14 DU      | SS-5 (0-0.25)      | Total/NA  | Solid  | 3050B  |            |

### Prep Batch: 411770

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-1       | SS-3 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-2       | SS-3 (0.75-1)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-3       | SS-2 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-4       | SS-2 (0.75-1)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-5       | SS-1 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-6       | SS-1 (0.75-1)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-7       | SS-7 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-8       | SS-7 (0.75-1)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-9       | SS-8 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-10      | SS-8 (0.75-1)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-12      | SS-9 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-13      | SS-9 (0.75-1)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-14      | SS-5 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-18      | SS-5 (0.75-1)      | Total/NA  | Solid  | 7471B  |            |
| MB 410-411770/1-A  | Method Blank       | Total/NA  | Solid  | 7471B  |            |
| LCS 410-411770/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| 410-140000-14 MS   | SS-5 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-14 MSD  | SS-5 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140000-14 DU   | SS-5 (0-0.25)      | Total/NA  | Solid  | 7471B  |            |

### Prep Batch: 411817

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 410-140000-16      | EB1-20230822       | Total Recoverable | Water  | 3005A  |            |
| 410-140000-17      | EB2-20230822       | Total Recoverable | Water  | 3005A  |            |
| MB 410-411817/1-A  | Method Blank       | Total Recoverable | Water  | 3005A  |            |
| LCS 410-411817/2-A | Lab Control Sample | Total Recoverable | Water  | 3005A  |            |

### Prep Batch: 411949

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-16      | EB1-20230822       | Total/NA  | Water  | 7470A  |            |
| 410-140000-17      | EB2-20230822       | Total/NA  | Water  | 7470A  |            |
| MB 410-411949/1-A  | Method Blank       | Total/NA  | Water  | 7470A  |            |
| LCS 410-411949/2-A | Lab Control Sample | Total/NA  | Water  | 7470A  |            |

# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Metals

### Analysis Batch: 412040

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-1       | SS-3 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411750     |
| 410-140000-2       | SS-3 (0.75-1)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-3       | SS-2 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411750     |
| 410-140000-4       | SS-2 (0.75-1)      | Total/NA  | Solid  | 6010D  | 411750     |
| 410-140000-5       | SS-1 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-6       | SS-1 (0.75-1)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-7       | SS-7 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-8       | SS-7 (0.75-1)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-9       | SS-8 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-10      | SS-8 (0.75-1)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-12      | SS-9 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411750     |
| 410-140000-13      | SS-9 (0.75-1)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-14      | SS-5 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-18      | SS-5 (0.75-1)      | Total/NA  | Solid  | 6010D  | 411757     |
| MB 410-411750/1-A  | Method Blank       | Total/NA  | Solid  | 6010D  | 411750     |
| MB 410-411757/1-A  | Method Blank       | Total/NA  | Solid  | 6010D  | 411757     |
| LCS 410-411750/2-A | Lab Control Sample | Total/NA  | Solid  | 6010D  | 411750     |
| LCS 410-411757/2-A | Lab Control Sample | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-14 MS   | SS-5 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-14 MSD  | SS-5 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411757     |
| 410-140000-14 DU   | SS-5 (0-0.25)      | Total/NA  | Solid  | 6010D  | 411757     |

### Analysis Batch: 412043

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-2          | SS-3 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-2          | SS-3 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-5          | SS-1 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-5          | SS-1 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-6          | SS-1 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-6          | SS-1 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-7          | SS-7 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-7          | SS-7 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-8          | SS-7 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-8          | SS-7 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-9          | SS-8 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-9          | SS-8 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-10         | SS-8 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-10         | SS-8 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-13         | SS-9 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-13         | SS-9 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-14         | SS-5 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-14         | SS-5 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-18         | SS-5 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-18         | SS-5 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| MB 410-411757/1-A ^2  | Method Blank       | Total/NA  | Solid  | 6020B  | 411757     |
| LCS 410-411757/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-14 MS      | SS-5 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-14 MS      | SS-5 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-14 MSD     | SS-5 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-14 MSD     | SS-5 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-14 DU      | SS-5 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

## Metals (Continued)

### Analysis Batch: 412043 (Continued)

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 410-140000-14 DU | SS-5 (0-0.25)    | Total/NA  | Solid  | 6020B  | 411757     |

### Analysis Batch: 412073

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-1       | SS-3 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-2       | SS-3 (0.75-1)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-3       | SS-2 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-4       | SS-2 (0.75-1)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-5       | SS-1 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-6       | SS-1 (0.75-1)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-7       | SS-7 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-8       | SS-7 (0.75-1)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-9       | SS-8 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-10      | SS-8 (0.75-1)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-12      | SS-9 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-13      | SS-9 (0.75-1)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-14      | SS-5 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-18      | SS-5 (0.75-1)      | Total/NA  | Solid  | 7471B  | 411770     |
| MB 410-411770/1-A  | Method Blank       | Total/NA  | Solid  | 7471B  | 411770     |
| LCS 410-411770/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-14 MS   | SS-5 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-14 MSD  | SS-5 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |
| 410-140000-14 DU   | SS-5 (0-0.25)      | Total/NA  | Solid  | 7471B  | 411770     |

### Analysis Batch: 412324

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 410-140000-16      | EB1-20230822       | Total Recoverable | Water  | 6010D  | 411817     |
| 410-140000-17      | EB2-20230822       | Total Recoverable | Water  | 6010D  | 411817     |
| MB 410-411817/1-A  | Method Blank       | Total Recoverable | Water  | 6010D  | 411817     |
| LCS 410-411817/2-A | Lab Control Sample | Total Recoverable | Water  | 6010D  | 411817     |

### Analysis Batch: 412588

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-16      | EB1-20230822       | Total/NA  | Water  | 7470A  | 411949     |
| 410-140000-17      | EB2-20230822       | Total/NA  | Water  | 7470A  | 411949     |
| MB 410-411949/1-A  | Method Blank       | Total/NA  | Water  | 7470A  | 411949     |
| LCS 410-411949/2-A | Lab Control Sample | Total/NA  | Water  | 7470A  | 411949     |

### Analysis Batch: 413515

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 410-140000-16      | EB1-20230822       | Total Recoverable | Water  | 6020B  | 411817     |
| 410-140000-17      | EB2-20230822       | Total Recoverable | Water  | 6020B  | 411817     |
| MB 410-411817/1-A  | Method Blank       | Total Recoverable | Water  | 6020B  | 411817     |
| LCS 410-411817/2-A | Lab Control Sample | Total Recoverable | Water  | 6020B  | 411817     |

### Analysis Batch: 413831

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 410-140000-2  | SS-3 (0.75-1)    | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-5  | SS-1 (0-0.25)    | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-6  | SS-1 (0.75-1)    | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-7  | SS-7 (0-0.25)    | Total/NA  | Solid  | 6020B  | 411757     |

Eurofins Lancaster Laboratories Environment Testing, LLC

## QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### Metals (Continued)

#### Analysis Batch: 413831 (Continued)

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-8          | SS-7 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-9          | SS-8 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-10         | SS-8 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| 410-140000-13         | SS-9 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411757     |
| MB 410-411757/1-A ^2  | Method Blank       | Total/NA  | Solid  | 6020B  | 411757     |
| LCS 410-411757/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 6020B  | 411757     |

#### Analysis Batch: 414107

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-1          | SS-3 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-1          | SS-3 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-3          | SS-2 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-3          | SS-2 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-4          | SS-2 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-4          | SS-2 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-12         | SS-9 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-12         | SS-9 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411750     |
| MB 410-411750/1-A ^2  | Method Blank       | Total/NA  | Solid  | 6020B  | 411750     |
| LCS 410-411750/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 6020B  | 411750     |

#### Analysis Batch: 414296

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-140000-1          | SS-3 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-3          | SS-2 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-4          | SS-2 (0.75-1)      | Total/NA  | Solid  | 6020B  | 411750     |
| 410-140000-12         | SS-9 (0-0.25)      | Total/NA  | Solid  | 6020B  | 411750     |
| MB 410-411750/1-A ^2  | Method Blank       | Total/NA  | Solid  | 6020B  | 411750     |
| LCS 410-411750/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 6020B  | 411750     |

#### Analysis Batch: 414312

| Lab Sample ID      | Client Sample ID   | Prep Type         | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 410-140000-16      | EB1-20230822       | Total Recoverable | Water  | 6020B  | 411817     |
| 410-140000-17      | EB2-20230822       | Total Recoverable | Water  | 6020B  | 411817     |
| MB 410-411817/1-A  | Method Blank       | Total Recoverable | Water  | 6020B  | 411817     |
| LCS 410-411817/2-A | Lab Control Sample | Total Recoverable | Water  | 6020B  | 411817     |

### General Chemistry

#### Analysis Batch: 411692

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 410-140000-1  | SS-3 (0-0.25)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-2  | SS-3 (0.75-1)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-3  | SS-2 (0-0.25)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-4  | SS-2 (0.75-1)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-5  | SS-1 (0-0.25)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-6  | SS-1 (0.75-1)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-7  | SS-7 (0-0.25)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-8  | SS-7 (0.75-1)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-9  | SS-8 (0-0.25)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-10 | SS-8 (0.75-1)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-12 | SS-9 (0-0.25)    | Total/NA  | Solid  | Moisture |            |

Eurofins Lancaster Laboratories Environment Testing, LLC

## QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### General Chemistry (Continued)

#### Analysis Batch: 411692 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 410-140000-13 | SS-9 (0.75-1)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-14 | SS-5 (0-0.25)    | Total/NA  | Solid  | Moisture |            |
| 410-140000-18 | SS-5 (0.75-1)    | Total/NA  | Solid  | Moisture |            |



# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: SS-3 (0-0.25)**

**Lab Sample ID: 410-140000-1**

Date Collected: 08/22/23 08:35

Matrix: Solid

Date Received: 08/23/23 10:02

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-3 (0-0.25)**

**Lab Sample ID: 410-140000-1**

Date Collected: 08/22/23 08:35

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 71.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 12:23       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 413714       | GLQ9    | ELLE | 08/29/23 16:15       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 07:25       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 414296       | F7JF    | ELLE | 08/30/23 10:13       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 414107       | LC3M    | ELLE | 08/30/23 00:05       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 414107       | LC3M    | ELLE | 08/30/23 00:07       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:17       |

**Client Sample ID: SS-3 (0.75-1)**

**Lab Sample ID: 410-140000-2**

Date Collected: 08/22/23 08:45

Matrix: Solid

Date Received: 08/23/23 10:02

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-3 (0.75-1)**

**Lab Sample ID: 410-140000-2**

Date Collected: 08/22/23 08:45

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 75.1

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 12:47       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 413714       | GLQ9    | ELLE | 08/29/23 16:39       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 08:52       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 09:17       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 09:19       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: SS-3 (0.75-1)**

**Lab Sample ID: 410-140000-2**

**Date Collected: 08/22/23 08:45**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 75.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 413831       | F7JF    | ELLE | 08/29/23 11:46       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:19       |

**Client Sample ID: SS-2 (0-0.25)**

**Lab Sample ID: 410-140000-3**

**Date Collected: 08/22/23 09:15**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-2 (0-0.25)**

**Lab Sample ID: 410-140000-3**

**Date Collected: 08/22/23 09:15**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 70.4**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 13:10       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 413714       | GLQ9    | ELLE | 08/29/23 17:04       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 07:18       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 414296       | F7JF    | ELLE | 08/30/23 10:09       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 414107       | LC3M    | ELLE | 08/29/23 23:57       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 414107       | LC3M    | ELLE | 08/29/23 23:59       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:21       |

**Client Sample ID: SS-2 (0.75-1)**

**Lab Sample ID: 410-140000-4**

**Date Collected: 08/22/23 09:25**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-2 (0.75-1)**

**Lab Sample ID: 410-140000-4**

**Date Collected: 08/22/23 09:25**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 78.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 13:34       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: SS-2 (0.75-1)**

**Lab Sample ID: 410-140000-4**

**Date Collected: 08/22/23 09:25**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 78.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 413714       | GLQ9    | ELLE | 08/29/23 17:29       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 07:21       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 414296       | F7JF    | ELLE | 08/30/23 10:11       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 414107       | LC3M    | ELLE | 08/30/23 00:01       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 414107       | LC3M    | ELLE | 08/30/23 00:03       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:23       |

**Client Sample ID: SS-1 (0-0.25)**

**Lab Sample ID: 410-140000-5**

**Date Collected: 08/22/23 10:10**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-1 (0-0.25)**

**Lab Sample ID: 410-140000-5**

**Date Collected: 08/22/23 10:10**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 69.6**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 13:58       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 413714       | GLQ9    | ELLE | 08/29/23 17:53       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 08:58       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 09:21       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 09:23       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 413831       | F7JF    | ELLE | 08/29/23 11:48       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:25       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: SS-1 (0.75-1)**

**Lab Sample ID: 410-140000-6**

**Date Collected: 08/22/23 10:20**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-1 (0.75-1)**

**Lab Sample ID: 410-140000-6**

**Date Collected: 08/22/23 10:20**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 78.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 14:22       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414158       | GLQ9    | ELLE | 08/30/23 14:27       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 09:43       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 09:25       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 09:27       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 413831       | F7JF    | ELLE | 08/29/23 11:50       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:27       |

**Client Sample ID: SS-7 (0-0.25)**

**Lab Sample ID: 410-140000-7**

**Date Collected: 08/22/23 10:45**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-7 (0-0.25)**

**Lab Sample ID: 410-140000-7**

**Date Collected: 08/22/23 10:45**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 69.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 14:46       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414158       | GLQ9    | ELLE | 08/30/23 14:52       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 08:39       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 08:39       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 08:41       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: SS-7 (0-0.25)**

**Lab Sample ID: 410-140000-7**

**Date Collected: 08/22/23 10:45**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 69.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 413831       | F7JF    | ELLE | 08/29/23 11:42       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:29       |

**Client Sample ID: SS-7 (0.75-1)**

**Lab Sample ID: 410-140000-8**

**Date Collected: 08/22/23 10:55**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-7 (0.75-1)**

**Lab Sample ID: 410-140000-8**

**Date Collected: 08/22/23 10:55**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 73.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 15:09       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414158       | GLQ9    | ELLE | 08/30/23 15:17       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 08:23       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 08:35       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 08:37       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 413831       | F7JF    | ELLE | 08/29/23 11:34       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:31       |

**Client Sample ID: SS-8 (0-0.25)**

**Lab Sample ID: 410-140000-9**

**Date Collected: 08/22/23 11:10**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-8 (0-0.25)**

**Lab Sample ID: 410-140000-9**

**Date Collected: 08/22/23 11:10**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 56.6**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 15:33       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: SS-8 (0-0.25)**

**Lab Sample ID: 410-140000-9**

**Date Collected: 08/22/23 11:10**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 56.6**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414158       | GLQ9    | ELLE | 08/30/23 15:42       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 08:46       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 08:57       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 09:15       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 413831       | F7JF    | ELLE | 08/29/23 11:44       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:33       |

**Client Sample ID: SS-8 (0.75-1)**

**Lab Sample ID: 410-140000-10**

**Date Collected: 08/22/23 11:20**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-8 (0.75-1)**

**Lab Sample ID: 410-140000-10**

**Date Collected: 08/22/23 11:20**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 73.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:20       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 15:56       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414158       | GLQ9    | ELLE | 08/30/23 16:07       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 08:16       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 08:31       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 08:33       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 413831       | F7JF    | ELLE | 08/29/23 11:32       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:35       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: TB1-20230822**

**Lab Sample ID: 410-140000-11**

**Date Collected: 08/22/23 00:00**

**Matrix: Water**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 413492       | K4YF    | ELLE | 08/29/23 01:06       |

**Client Sample ID: SS-9 (0-0.25)**

**Lab Sample ID: 410-140000-12**

**Date Collected: 08/22/23 11:35**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-9 (0-0.25)**

**Lab Sample ID: 410-140000-12**

**Date Collected: 08/22/23 11:35**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 52.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:29       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 16:20       |
| Total/NA  | Prep       | 3546         |     |                 | 414990       | ZB3H    | ELLE | 08/31/23 16:30       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 415189       | P7EB    | ELLE | 09/01/23 14:39       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 07:05       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 414296       | F7JF    | ELLE | 08/30/23 10:07       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 414107       | LC3M    | ELLE | 08/29/23 23:47       |
| Total/NA  | Prep       | 3050B        |     |                 | 411750       | UAMX    | ELLE | 08/23/23 20:06       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 414107       | LC3M    | ELLE | 08/29/23 23:49       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:41       |

**Client Sample ID: SS-9 (0.75-1)**

**Lab Sample ID: 410-140000-13**

**Date Collected: 08/22/23 11:45**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-9 (0.75-1)**

**Lab Sample ID: 410-140000-13**

**Date Collected: 08/22/23 11:45**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 68.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:29       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 16:43       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414158       | GLQ9    | ELLE | 08/30/23 16:57       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: SS-9 (0.75-1)**

**Lab Sample ID: 410-140000-13**

**Date Collected: 08/22/23 11:45**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 68.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 08:10       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 08:27       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 08:29       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 413831       | F7JF    | ELLE | 08/29/23 11:30       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:45       |

**Client Sample ID: SS-5 (0-0.25)**

**Lab Sample ID: 410-140000-14**

**Date Collected: 08/22/23 12:25**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-5 (0-0.25)**

**Lab Sample ID: 410-140000-14**

**Date Collected: 08/22/23 12:25**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 88.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:29       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 17:07       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414514       | SJ89    | ELLE | 08/30/23 20:24       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 07:40       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 07:25       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 07:27       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:02       |

**Client Sample ID: TB2-20230822**

**Lab Sample ID: 410-140000-15**

**Date Collected: 08/22/23 00:00**

**Matrix: Water**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 413492       | K4YF    | ELLE | 08/29/23 01:28       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

**Client Sample ID: EB1-20230822**

**Lab Sample ID: 410-140000-16**

**Date Collected: 08/22/23 14:00**

**Matrix: Water**

**Date Received: 08/23/23 10:02**

| Prep Type         | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-------------------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA          | Analysis   | 8260D        |     | 1               | 413492       | K4YF    | ELLE | 08/29/23 01:51       |
| Total/NA          | Prep       | 3510C        |     |                 | 413148       | QKX3    | ELLE | 08/28/23 08:34       |
| Total/NA          | Analysis   | 8270E        |     | 1               | 413455       | GLQ9    | ELLE | 08/28/23 22:24       |
| Total Recoverable | Prep       | 3005A        |     |                 | 411817       | HUH3    | ELLE | 08/24/23 00:56       |
| Total Recoverable | Analysis   | 6010D        |     | 1               | 412324       | T8CQ    | ELLE | 08/24/23 18:28       |
| Total Recoverable | Prep       | 3005A        |     |                 | 411817       | HUH3    | ELLE | 08/24/23 00:56       |
| Total Recoverable | Analysis   | 6020B        |     | 1               | 413515       | UCIG    | ELLE | 08/28/23 19:54       |
| Total Recoverable | Prep       | 3005A        |     |                 | 411817       | HUH3    | ELLE | 08/24/23 00:56       |
| Total Recoverable | Analysis   | 6020B        |     | 1               | 414312       | F7JF    | ELLE | 08/30/23 08:28       |
| Total/NA          | Prep       | 7470A        |     |                 | 411949       | HUH3    | ELLE | 08/24/23 08:23       |
| Total/NA          | Analysis   | 7470A        |     | 1               | 412588       | UEFS    | ELLE | 08/25/23 10:34       |

**Client Sample ID: EB2-20230822**

**Lab Sample ID: 410-140000-17**

**Date Collected: 08/22/23 14:10**

**Matrix: Water**

**Date Received: 08/23/23 10:02**

| Prep Type         | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-------------------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA          | Analysis   | 8260D        |     | 1               | 413492       | K4YF    | ELLE | 08/29/23 02:13       |
| Total/NA          | Prep       | 3510C        |     |                 | 413381       | T9CY    | ELLE | 08/28/23 15:13       |
| Total/NA          | Analysis   | 8270E        |     | 1               | 413475       | SJ89    | ELLE | 08/29/23 00:01       |
| Total Recoverable | Prep       | 3005A        |     |                 | 411817       | HUH3    | ELLE | 08/24/23 00:56       |
| Total Recoverable | Analysis   | 6010D        |     | 1               | 412324       | T8CQ    | ELLE | 08/24/23 18:40       |
| Total Recoverable | Prep       | 3005A        |     |                 | 411817       | HUH3    | ELLE | 08/24/23 00:56       |
| Total Recoverable | Analysis   | 6020B        |     | 1               | 413515       | UCIG    | ELLE | 08/28/23 19:56       |
| Total Recoverable | Prep       | 3005A        |     |                 | 411817       | HUH3    | ELLE | 08/24/23 00:56       |
| Total Recoverable | Analysis   | 6020B        |     | 1               | 414312       | F7JF    | ELLE | 08/30/23 08:30       |
| Total/NA          | Prep       | 7470A        |     |                 | 411949       | HUH3    | ELLE | 08/24/23 08:23       |
| Total/NA          | Analysis   | 7470A        |     | 1               | 412588       | UEFS    | ELLE | 08/25/23 10:32       |

**Client Sample ID: SS-5 (0.75-1)**

**Lab Sample ID: 410-140000-18**

**Date Collected: 08/22/23 12:40**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 411692       | K9VH    | ELLE | 08/23/23 17:11       |

**Client Sample ID: SS-5 (0.75-1)**

**Lab Sample ID: 410-140000-18**

**Date Collected: 08/22/23 12:40**

**Matrix: Solid**

**Date Received: 08/23/23 10:02**

**Percent Solids: 74.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412678       | PV7W    | ELLE | 08/25/23 15:29       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 18:17       |
| Total/NA  | Prep       | 3546         |     |                 | 413420       | ZB3H    | ELLE | 08/28/23 16:25       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414514       | SJ89    | ELLE | 08/30/23 21:38       |

Eurofins Lancaster Laboratories Environment Testing, LLC

Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

Client Sample ID: SS-5 (0.75-1)

Lab Sample ID: 410-140000-18

Date Collected: 08/22/23 12:40

Matrix: Solid

Date Received: 08/23/23 10:02

Percent Solids: 74.2

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 412040       | MT26    | ELLE | 08/24/23 10:37       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 412043       | F7JF    | ELLE | 08/24/23 07:55       |
| Total/NA  | Prep       | 3050B        |     |                 | 411757       | UAMX    | ELLE | 08/23/23 20:29       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 412043       | F7JF    | ELLE | 08/24/23 07:57       |
| Total/NA  | Prep       | 7471B        |     |                 | 411770       | UAMX    | ELLE | 08/23/23 22:39       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 412073       | UEFS    | ELLE | 08/24/23 11:43       |

Laboratory References:  
ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



## Accreditation/Certification Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

### Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| New York  | NELAP   | 10670                 | 04-01-24        |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte          |
|-----------------|-------------|--------|------------------|
| 6010D           | 3005A       | Water  | Lithium          |
| Moisture        |             | Solid  | Percent Moisture |

## Method Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

| Method   | Method Description                                 | Protocol | Laboratory |
|----------|----------------------------------------------------|----------|------------|
| 8260D    | Volatile Organic Compounds by GC/MS                | SW846    | ELLE       |
| 8270E    | Semivolatile Organic Compounds (GC/MS)             | SW846    | ELLE       |
| 6010D    | Metals (ICP)                                       | SW846    | ELLE       |
| 6020B    | Metals (ICP/MS)                                    | SW846    | ELLE       |
| 7470A    | Mercury (CVAA)                                     | SW846    | ELLE       |
| 7471B    | Mercury (CVAA)                                     | SW846    | ELLE       |
| Moisture | Percent Moisture                                   | EPA      | ELLE       |
| 3005A    | Preparation, Total Recoverable or Dissolved Metals | SW846    | ELLE       |
| 3050B    | Preparation, Metals                                | SW846    | ELLE       |
| 3510C    | Liquid-Liquid Extraction (Separatory Funnel)       | SW846    | ELLE       |
| 3546     | Microwave Extraction                               | SW846    | ELLE       |
| 5030C    | Purge and Trap                                     | SW846    | ELLE       |
| 5035     | Closed System Purge and Trap                       | SW846    | ELLE       |
| 7470A    | Preparation, Mercury                               | SW846    | ELLE       |
| 7471B    | Preparation, Mercury                               | SW846    | ELLE       |

### Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

## Sample Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140000-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 410-140000-1  | SS-3 (0-0.25)    | Solid  | 08/22/23 08:35 | 08/23/23 10:02 |
| 410-140000-2  | SS-3 (0.75-1)    | Solid  | 08/22/23 08:45 | 08/23/23 10:02 |
| 410-140000-3  | SS-2 (0-0.25)    | Solid  | 08/22/23 09:15 | 08/23/23 10:02 |
| 410-140000-4  | SS-2 (0.75-1)    | Solid  | 08/22/23 09:25 | 08/23/23 10:02 |
| 410-140000-5  | SS-1 (0-0.25)    | Solid  | 08/22/23 10:10 | 08/23/23 10:02 |
| 410-140000-6  | SS-1 (0.75-1)    | Solid  | 08/22/23 10:20 | 08/23/23 10:02 |
| 410-140000-7  | SS-7 (0-0.25)    | Solid  | 08/22/23 10:45 | 08/23/23 10:02 |
| 410-140000-8  | SS-7 (0.75-1)    | Solid  | 08/22/23 10:55 | 08/23/23 10:02 |
| 410-140000-9  | SS-8 (0-0.25)    | Solid  | 08/22/23 11:10 | 08/23/23 10:02 |
| 410-140000-10 | SS-8 (0.75-1)    | Solid  | 08/22/23 11:20 | 08/23/23 10:02 |
| 410-140000-11 | TB1-20230822     | Water  | 08/22/23 00:00 | 08/23/23 10:02 |
| 410-140000-12 | SS-9 (0-0.25)    | Solid  | 08/22/23 11:35 | 08/23/23 10:02 |
| 410-140000-13 | SS-9 (0.75-1)    | Solid  | 08/22/23 11:45 | 08/23/23 10:02 |
| 410-140000-14 | SS-5 (0-0.25)    | Solid  | 08/22/23 12:25 | 08/23/23 10:02 |
| 410-140000-15 | TB2-20230822     | Water  | 08/22/23 00:00 | 08/23/23 10:02 |
| 410-140000-16 | EB1-20230822     | Water  | 08/22/23 14:00 | 08/23/23 10:02 |
| 410-140000-17 | EB2-20230822     | Water  | 08/22/23 14:10 | 08/23/23 10:02 |
| 410-140000-18 | SS-5 (0.75-1)    | Solid  | 08/22/23 12:40 | 08/23/23 10:02 |

## Eurofins Lancaster Laboratories Environme

2425 New Holland Pike

Lancaster, PA 17601

Phone: 717-656-2300 Fax: 717-656-2681

## Chain of C



Environment Testing

|                                                                                                                                                                                                                                   |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------|--|-----------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------|--|---------------------------------------------|------------------------|---------------------------------------|--|------------------------------|--|----------------------------|---------|---------------------------------------|--|-----------------------------------|--------------------|-----------------------|--|--|--|--|----------|----------|--|--|--|--|--|--|--|--|----------------|------------|--|--|--|--|--|--|--|--|-----------------|------------|--|--|--|--|--|--|--|--|------------|------------|--|--|--|--|--|--|--|--|----------|-------------|--|--|--|--|--|--|--|--|-------------|-----------|--|--|--|--|--|--|--|--|-------------------|-----------------------|--|--|--|--|--|--|--|--|---------|-------------|--|--|--|--|--|--|--|--|--------------|----------|--|--|--|--|--|--|--|--|----------|------------|--|--|--|--|--|--|--|--|---------|------------|--|--|--|--|--|--|--|--|--|---------------------|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|
| <b>Client Information</b>                                                                                                                                                                                                         |                       | Sampler: <i>Integral</i>                                                     |  | 410-140000 Chain of Custody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         | Carrier Tracking No(s):             |  | COC No: 410-95155-26994.4                                       |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Client Contact: Manon Tanner-Dave                                                                                                                                                                                                 |                       | Phone:                                                                       |  | Elizabeth L. Zafarnick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         | State of Origin: NY                 |  | Page: Page 4 of 4                                               |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Company: Integral Consulting Inc                                                                                                                                                                                                  |                       | PWSID:                                                                       |  | Analysis Requested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Address: 319 SW Washington Ave Suite 1150                                                                                                                                                                                         |                       | Due Date Requested:                                                          |  | <table border="1"> <tr> <td rowspan="5">Total Number of containers</td> <td colspan="10">Preservation Codes:</td> </tr> <tr> <td>A - HCL</td><td>M - Hexano</td><td colspan="8"></td></tr> <tr> <td>B - NaOH</td><td>N - None</td><td colspan="8"></td></tr> <tr> <td>C - Zn Acetate</td><td>O - AsNaO2</td><td colspan="8"></td></tr> <tr> <td>D - Nitric Acid</td><td>P - Na2O4S</td><td colspan="8"></td></tr> <tr> <td>E - NaHSO4</td><td>Q - Na2SO3</td><td colspan="8"></td></tr> <tr> <td>F - MeOH</td><td>R - Na2S2O3</td><td colspan="8"></td></tr> <tr> <td>G - Amchlor</td><td>S - H2SO4</td><td colspan="8"></td></tr> <tr> <td>H - Ascorbic Acid</td><td>T - TSP Dodecahydrate</td><td colspan="8"></td></tr> <tr> <td>I - Ice</td><td>U - Acetone</td><td colspan="8"></td></tr> <tr> <td>J - DI Water</td><td>V - MCAA</td><td colspan="8"></td></tr> <tr> <td>K - EDTA</td><td>W - pH 4-5</td><td colspan="8"></td></tr> <tr> <td>L - EDA</td><td>Y - Trizma</td><td colspan="8"></td></tr> <tr> <td></td><td>Z - other (specify)</td><td colspan="8"></td></tr> <tr> <td colspan="11">Other:</td> </tr> </table> |                         |                                     |  |                                                                 |  | Total Number of containers                                                                                                                      | Preservation Codes: |                                   |  |                                             |                        |                                       |  |                              |  |                            | A - HCL | M - Hexano                            |  |                                   |                    |                       |  |  |  |  | B - NaOH | N - None |  |  |  |  |  |  |  |  | C - Zn Acetate | O - AsNaO2 |  |  |  |  |  |  |  |  | D - Nitric Acid | P - Na2O4S |  |  |  |  |  |  |  |  | E - NaHSO4 | Q - Na2SO3 |  |  |  |  |  |  |  |  | F - MeOH | R - Na2S2O3 |  |  |  |  |  |  |  |  | G - Amchlor | S - H2SO4 |  |  |  |  |  |  |  |  | H - Ascorbic Acid | T - TSP Dodecahydrate |  |  |  |  |  |  |  |  | I - Ice | U - Acetone |  |  |  |  |  |  |  |  | J - DI Water | V - MCAA |  |  |  |  |  |  |  |  | K - EDTA | W - pH 4-5 |  |  |  |  |  |  |  |  | L - EDA | Y - Trizma |  |  |  |  |  |  |  |  |  | Z - other (specify) |  |  |  |  |  |  |  |  | Other: |  |  |  |  |  |  |  |  |  |  |
| Total Number of containers                                                                                                                                                                                                        | Preservation Codes:   |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                   | A - HCL               | M - Hexano                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                   | B - NaOH              | N - None                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                   | C - Zn Acetate        | O - AsNaO2                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                   | D - Nitric Acid       | P - Na2O4S                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| E - NaHSO4                                                                                                                                                                                                                        | Q - Na2SO3            |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| F - MeOH                                                                                                                                                                                                                          | R - Na2S2O3           |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| G - Amchlor                                                                                                                                                                                                                       | S - H2SO4             |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| H - Ascorbic Acid                                                                                                                                                                                                                 | T - TSP Dodecahydrate |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| I - Ice                                                                                                                                                                                                                           | U - Acetone           |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| J - DI Water                                                                                                                                                                                                                      | V - MCAA              |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| K - EDTA                                                                                                                                                                                                                          | W - pH 4-5            |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| L - EDA                                                                                                                                                                                                                           | Y - Trizma            |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                   | Z - other (specify)   |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Other:                                                                                                                                                                                                                            |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| City: Portland                                                                                                                                                                                                                    |                       | TAT Requested (days): <i>per contract</i>                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| State, Zip: OR, 97204                                                                                                                                                                                                             |                       | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Phone: 503-284-5545(Tel)                                                                                                                                                                                                          |                       | PO #:                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Email: mtanner@integral-corp.com                                                                                                                                                                                                  |                       | Purchase Order Requested                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Project Name: Solar Farm/Battery NY State                                                                                                                                                                                         |                       | Project #: 41016198                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Site:                                                                                                                                                                                                                             |                       | SSOW#:                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| <b>Sample Identification</b>                                                                                                                                                                                                      |                       | <b>Sample Date</b>                                                           |  | <b>Sample Time</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         | <b>Sample Type (C=Comp, G=grab)</b> |  | <b>Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)</b> |  | <b>Field Filtered Sample (Yes or No)</b>                                                                                                        |                     | <b>Perform MS/MSD (Yes or No)</b> |  | <b>6010D, 6020B, 7471B, 8270E, Moisture</b> |                        | <b>8260D - VOCs Regulated + THM's</b> |  | <b>8270E - TCL 4.3 SVOCs</b> |  | <b>6010D, 6020B, 7470A</b> |         | <b>8260D - VOCs Regulated + THM's</b> |  | <b>Special Instructions/Note:</b> |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                   |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-3(0-0.25)                                                                                                                                                                                                                      |                       | 8/22/23                                                                      |  | 0835                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | G                                   |  | S                                                               |  | N                                                                                                                                               |                     | N                                 |  | X                                           |                        | X                                     |  | X                            |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-3(0.75-1)                                                                                                                                                                                                                      |                       |                                                                              |  | 0845                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-2(0-0.25)                                                                                                                                                                                                                      |                       |                                                                              |  | 0915                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-2(0.75-1)                                                                                                                                                                                                                      |                       |                                                                              |  | 0925                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-1(0-0.25)                                                                                                                                                                                                                      |                       |                                                                              |  | 1010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-1(0.75-1)                                                                                                                                                                                                                      |                       |                                                                              |  | 1020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-7(0-0.25)                                                                                                                                                                                                                      |                       |                                                                              |  | 1045                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-7(0.75-1)                                                                                                                                                                                                                      |                       |                                                                              |  | 1055                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-8(0-0.25)                                                                                                                                                                                                                      |                       |                                                                              |  | 1110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| SS-8(0.75-1)                                                                                                                                                                                                                      |                       |                                                                              |  | 1120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                                     |  |                                                                 |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| TBI-20230822                                                                                                                                                                                                                      |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  | W                                                               |  |                                                                                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    | Temp bottle in cooler |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| <b>Possible Hazard Identification</b>                                                                                                                                                                                             |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  | <b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b>                                                      |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  | <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                            |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |                                     |  |                                                                 |  | Special Instructions/QC Requirements:                                                                                                           |                     |                                   |  |                                             |                        |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Empty Kit Relinquished by:                                                                                                                                                                                                        |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date:                   |                                     |  |                                                                 |  | Time:                                                                                                                                           |                     |                                   |  |                                             | Method of Shipment:    |                                       |  |                              |  |                            |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Relinquished by: <i>Kathryn Zafarnick</i>                                                                                                                                                                                         |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date/Time: 8/22/23 1600 |                                     |  |                                                                 |  | Company: Integral                                                                                                                               |                     |                                   |  |                                             | Received by:           |                                       |  |                              |  | Date/Time:                 |         |                                       |  |                                   | Company:           |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Relinquished by:                                                                                                                                                                                                                  |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date/Time:              |                                     |  |                                                                 |  | Company:                                                                                                                                        |                     |                                   |  |                                             | Received by:           |                                       |  |                              |  | Date/Time:                 |         |                                       |  |                                   | Company:           |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Relinquished by:                                                                                                                                                                                                                  |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Date/Time:              |                                     |  |                                                                 |  | Company:                                                                                                                                        |                     |                                   |  |                                             | Received by: <i>MP</i> |                                       |  |                              |  | Date/Time: 8/23/23 1002    |         |                                       |  |                                   | Company: <i>MA</i> |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                    |                       |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Custody Seal No.:       |                                     |  |                                                                 |  | Cooler Temperature(s) °C and Other Remarks: <i>Lat: 1.3-3.0</i>                                                                                 |                     |                                   |  |                                             |                        |                                       |  |                              |  | COP: 1.2-2.8               |         |                                       |  |                                   |                    |                       |  |  |  |  |          |          |  |  |  |  |  |  |  |  |                |            |  |  |  |  |  |  |  |  |                 |            |  |  |  |  |  |  |  |  |            |            |  |  |  |  |  |  |  |  |          |             |  |  |  |  |  |  |  |  |             |           |  |  |  |  |  |  |  |  |                   |                       |  |  |  |  |  |  |  |  |         |             |  |  |  |  |  |  |  |  |              |          |  |  |  |  |  |  |  |  |          |            |  |  |  |  |  |  |  |  |         |            |  |  |  |  |  |  |  |  |  |                     |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |

## Environment Testing

Ver: 06/08/2021  
CMA/73/23 9/3/2023

## Login Sample Receipt Checklist

Client: Integral Consulting Inc

Job Number: 410-140000-1

Login Number: 140000

List Number: 1

Creator: Moeller, Colin

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

| Question                                                                        | Answer | Comment                                   |
|---------------------------------------------------------------------------------|--------|-------------------------------------------|
| The cooler's custody seal is intact.                                            | True   |                                           |
| The cooler or samples do not appear to have been compromised or tampered with.  | True   |                                           |
| Samples were received on ice.                                                   | True   |                                           |
| Cooler Temperature acceptable,where thermal pres is required(<=6C, not frozen). | True   |                                           |
| Cooler Temperature is recorded.                                                 | True   |                                           |
| WV:Container Temp acceptable,where thermal pres is required (<=6C, not frozen). | N/A    |                                           |
| WV: Container Temperature is recorded.                                          | N/A    |                                           |
| COC is present.                                                                 | True   |                                           |
| COC is filled out in ink and legible.                                           | True   |                                           |
| COC is filled out with all pertinent information.                               | True   |                                           |
| There are no discrepancies between the containers received and the COC.         | False  | Received extra samples not listed on COC. |
| Sample containers have legible labels.                                          | True   |                                           |
| Containers are not broken or leaking.                                           | True   |                                           |
| Sample collection date/times are provided.                                      | True   |                                           |
| Appropriate sample containers are used.                                         | True   |                                           |
| Sample bottles are completely filled.                                           | True   |                                           |
| There is sufficient vol. for all requested analyses.                            | True   |                                           |
| Is the Field Sampler's name present on COC?                                     | False  | Received project as a subcontract.        |
| Sample custody seals are intact.                                                | True   |                                           |
| VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?     | True   |                                           |



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Manon Tanner-Dave  
Integral Consulting Inc  
319 SW Washington Ave  
Suite 1150  
Portland, Oregon 97204

Generated 9/5/2023 12:29:15 PM

## JOB DESCRIPTION

Solar Farm/Battery NY State

## JOB NUMBER

410-140330-1

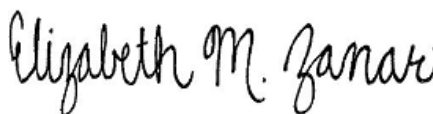
# Eurofins Lancaster Laboratories Environment Testing, LLC

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
9/5/2023 12:29:15 PM

Authorized for release by  
Elizabeth Zonar, Project Manager  
[Elizabeth.Zonar@et.eurofinsus.com](mailto:Elizabeth.Zonar@et.eurofinsus.com)  
(717)556-7290

## Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

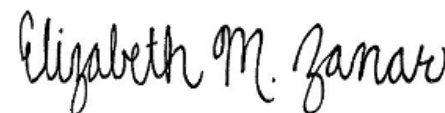
- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
  - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
  - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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**WARRANTY AND LIMITS OF LIABILITY** - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



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# Table of Contents

|                                  |    |
|----------------------------------|----|
| Cover Page . . . . .             | 1  |
| Table of Contents . . . . .      | 4  |
| Definitions/Glossary . . . . .   | 5  |
| Case Narrative . . . . .         | 7  |
| Detection Summary . . . . .      | 8  |
| Client Sample Results . . . . .  | 14 |
| Surrogate Summary . . . . .      | 46 |
| QC Sample Results . . . . .      | 48 |
| QC Association Summary . . . . . | 70 |
| Lab Chronicle . . . . .          | 74 |
| Certification Summary . . . . .  | 79 |
| Method Summary . . . . .         | 80 |
| Sample Summary . . . . .         | 81 |
| Chain of Custody . . . . .       | 82 |
| Receipt Checklists . . . . .     | 83 |



## Definitions/Glossary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

#### GC/MS VOA TICs

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| B         | Compound was found in the blank and sample.                                                                    |
| J         | Indicates an Estimated Value for TICs                                                                          |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| N         | Presumptive evidence of material.                                                                              |
| T         | Result is a tentatively identified compound (TIC) and an estimated value.                                      |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *-        | LCS and/or LCSD is outside acceptance limits, low biased.                                                      |
| cn        | Refer to Case Narrative for further detail                                                                     |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| F2        | MS/MSD RPD exceeds control limits                                                                              |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

#### GC/MS Semi VOA TICs

| Qualifier | Qualifier Description                                                     |
|-----------|---------------------------------------------------------------------------|
| B         | Compound was found in the blank and sample.                               |
| J         | Indicates an Estimated Value for TICs                                     |
| N         | Presumptive evidence of material.                                         |
| T         | Result is a tentatively identified compound (TIC) and an estimated value. |

#### Metals

| Qualifier | Qualifier Description                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| ^2        | Calibration Blank (ICB and/or CCB) is outside acceptance limits.                                                                                          |
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F1        | MS and/or MSD recovery exceeds control limits.                                                                                                            |
| F2        | MS/MSD RPD exceeds control limits                                                                                                                         |
| F3        | Duplicate RPD exceeds the control limit                                                                                                                   |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.                                            |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| □              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |

## Definitions/Glossary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

### Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report.          |
|--------------|--------------------------------------------------------------------------------------|
| MPN          | Most Probable Number                                                                 |
| MQL          | Method Quantitation Limit                                                            |
| NC           | Not Calculated                                                                       |
| ND           | Not Detected at the reporting limit (or MDL or EDL if shown)                         |
| NEG          | Negative / Absent                                                                    |
| POS          | Positive / Present                                                                   |
| PQL          | Practical Quantitation Limit                                                         |
| PRES         | Presumptive                                                                          |
| QC           | Quality Control                                                                      |
| RER          | Relative Error Ratio (Radiochemistry)                                                |
| RL           | Reporting Limit or Requested Limit (Radiochemistry)                                  |
| RPD          | Relative Percent Difference, a measure of the relative difference between two points |
| TEF          | Toxicity Equivalent Factor (Dioxin)                                                  |
| TEQ          | Toxicity Equivalent Quotient (Dioxin)                                                |
| TNTC         | Too Numerous To Count                                                                |



## Case Narrative

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

### Job ID: 410-140330-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

#### Narrative

#### Job Narrative 410-140330-1

#### Receipt

The samples were received on 8/25/2023 10:04 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C

#### GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-414550 was below the method criteria for the following analyte(s): Pentachlorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-414550 recovered above the upper control limit for 2-Chloronaphthalene and Caprolactam. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. TP-3 (1-1.5) (410-140330-1), TP-3 (4-4.25) (410-140330-2), TP-2 (1-1.25) (410-140330-3), TP-2 (5.5-6) (410-140330-4), TP-4 (0.33-1.33) (410-140330-6), TP-4 (5.5-6.5) (410-140330-7), TP-5 (1.17-2.17) (410-140330-8) and TP-5 (7.5-8.5) (410-140330-9).

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-414550 recovered above the upper control limit for Caprolactam. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. TP-1 (1-1.5) (410-140330-5).

Method 8270E: The following analyte(s) recovered outside control limits for the LCS associated with preparation batch 410-414145 and analytical batch 410-414550: 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

**Client Sample ID: TP-3 (1-1.5)**

**Lab Sample ID: 410-140330-1**

| Analyte             | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Toluene             | 1.7    | J         | 6.2   | 0.74  | ug/Kg | 1       | ✱ | 8260D  | Total/NA  |
| 2-Methylnaphthalene | 12     | J         | 22    | 6.7   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene         | 63     |           | 22    | 9.0   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium             | 12     |           | 6.6   | 2.6   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum            | 44000  |           | 130   | 66    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic             | 4.7    |           | 0.53  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium              | 330    |           | 2.6   | 1.2   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium           | 1.8    |           | 0.13  | 0.032 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium             | 0.070  | J         | 0.13  | 0.053 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium             | 3900   |           | 53    | 26    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium            | 61     |           | 0.53  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt              | 22     |           | 0.26  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper              | 33     |           | 0.53  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                | 48000  |           | 130   | 61    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                | 20     |           | 0.26  | 0.10  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium           | 12000  |           | 13    | 6.5   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese           | 810    |           | 0.53  | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel              | 40     |           | 0.53  | 0.25  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium           | 8700   |           | 53    | 21    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium            | 0.26   | J         | 0.53  | 0.13  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium              | 280    |           | 66    | 32    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium            | 0.44   |           | 0.13  | 0.052 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc                | 110    |           | 40    | 5.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium            | 89     |           | 1.1   | 0.26  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury             | 0.037  | J         | 0.075 | 0.025 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

**Client Sample ID: TP-3 (4-4.25)**

**Lab Sample ID: 410-140330-2**

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Toluene   | 0.86   | J         | 5.1   | 0.62  | ug/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Aluminum  | 7400   |           | 16    | 7.9   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic   | 1.3    |           | 0.32  | 0.11  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium    | 65     |           | 0.32  | 0.15  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Beryllium | 0.31   |           | 0.080 | 0.019 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium   | 190000 |           | 800   | 390   | mg/Kg | 50      | ✱ | 6020B  | Total/NA  |
| Chromium  | 12     |           | 0.32  | 0.15  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt    | 3.8    |           | 0.16  | 0.064 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper    | 7.0    |           | 0.32  | 0.14  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron      | 9800   |           | 16    | 7.3   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Lead      | 4.2    |           | 0.16  | 0.061 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium | 14000  |           | 8.0   | 3.9   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese | 370    |           | 0.32  | 0.16  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 7.6    |           | 0.32  | 0.15  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 2100   |           | 32    | 13    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 240    |           | 40    | 19    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.097  |           | 0.080 | 0.031 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 17     | J         | 24    | 3.2   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 18     |           | 0.64  | 0.16  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

# Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-2 (1-1.25)

Lab Sample ID: 410-140330-3

| Analyte                | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Toluene                | 0.91   | J         | 5.6   | 0.67  | ug/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Acenaphthylene         | 32     |           | 21    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 12     | J         | 21    | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 61     |           | 21    | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 87     |           | 21    | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 120    |           | 21    | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 77     |           | 21    | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 46     |           | 21    | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 100    |           | 21    | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 18     | J         | 21    | 8.6   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 110    |           | 21    | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 75     |           | 21    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 31     |           | 21    | 5.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 110    |           | 21    | 4.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium                | 19     | J         | 25    | 9.9   | mg/Kg | 5       | ✱ | 6010D  | Total/NA  |
| Aluminum               | 35000  |           | 99    | 49    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Antimony               | 0.12   | J         | 0.20  | 0.079 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic                | 4.1    |           | 0.40  | 0.13  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium                 | 220    |           | 2.0   | 0.91  | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium              | 1.4    |           | 0.099 | 0.024 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.20   |           | 0.099 | 0.040 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium                | 3900   |           | 40    | 19    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium               | 48     |           | 0.40  | 0.19  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt                 | 19     |           | 0.20  | 0.079 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper                 | 22     |           | 0.40  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron                   | 38000  |           | 99    | 46    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead                   | 25     |           | 0.20  | 0.075 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium              | 9900   |           | 9.9   | 4.9   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese              | 860    |           | 0.40  | 0.20  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 29     |           | 0.40  | 0.19  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium              | 6000   |           | 40    | 16    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.41   |           | 0.40  | 0.099 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.055  | J         | 0.099 | 0.040 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium                 | 200    |           | 50    | 24    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium               | 0.37   |           | 0.099 | 0.039 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 100    |           | 30    | 4.0   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium               | 75     |           | 0.79  | 0.20  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.051  | J         | 0.077 | 0.026 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

Client Sample ID: TP-2 (5.5-6)

Lab Sample ID: 410-140330-4

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Lithium   | 27     |           | 22    | 8.8   | mg/Kg | 5       | ✱ | 6010D  | Total/NA  |
| Aluminum  | 28000  |           | 88    | 44    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic   | 3.8    |           | 0.35  | 0.12  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium    | 270    |           | 1.8   | 0.80  | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium | 1.3    |           | 0.088 | 0.021 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium   | 0.13   |           | 0.088 | 0.035 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium   | 48000  |           | 180   | 86    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Chromium  | 44     |           | 0.35  | 0.17  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt    | 14     |           | 0.18  | 0.070 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

### Client Sample ID: TP-2 (5.5-6) (Continued)

Lab Sample ID: 410-140330-4

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Copper    | 27     |           | 0.35  | 0.16  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron      | 37000  |           | 88    | 41    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead      | 10     |           | 0.18  | 0.067 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium | 23000  |           | 44    | 22    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Manganese | 730    |           | 0.35  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 33     |           | 0.35  | 0.17  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 8000   |           | 35    | 14    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver    | 0.036  | J         | 0.088 | 0.036 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 980    |           | 44    | 21    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.32   |           | 0.088 | 0.034 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 82     |           | 26    | 3.5   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 65     |           | 0.70  | 0.18  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

### Client Sample ID: TP-1 (1-1.5)

Lab Sample ID: 410-140330-5

| Analyte                     | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| 1,1'-Biphenyl               | 23     | J         | 46    | 21    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 2,4,5-Trichlorophenol       | 36     | J         | 46    | 21    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 2,4,6-Trichlorophenol       | 25     | J         | 46    | 21    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 2-Chloronaphthalene         | 24     | J         | 42    | 17    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 2-Methylnaphthalene         | 15     | J         | 21    | 6.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4-Bromophenyl phenyl ether  | 62     |           | 46    | 21    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4-Chlorophenyl phenyl ether | 41     | J         | 46    | 21    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthene                | 31     |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene              | 17     | J         | 21    | 5.0   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene                  | 58     | F1        | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene          | 91     | F1        | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene              | 27     | F1        | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene        | 53     | F1        | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene        | 20     | J         | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene        | 41     | F1        | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Carbazole                   | 31     | J F1      | 46    | 21    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene                    | 100    |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene       | 20     | J F1      | 21    | 8.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenzofuran                | 60     |           | 46    | 21    | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene                | 140    | F1        | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluorene                    | 44     |           | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Hexachlorobenzene           | 67     | F1        | 21    | 8.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene      | 24     |           | 21    | 5.0   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene                 | 9.6    | J F1      | 21    | 8.3   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene                | 100    | F1        | 21    | 5.0   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                      | 130    | F1        | 21    | 4.2   | ug/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Lithium                     | 22     |           | 22    | 9.0   | mg/Kg | 5       | ✱ | 6010D  | Total/NA  |
| Aluminum                    | 34000  | ^2        | 90    | 44    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic                     | 3.7    |           | 0.36  | 0.12  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium                      | 290    |           | 1.8   | 0.82  | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium                   | 1.3    |           | 0.090 | 0.021 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium                     | 0.36   |           | 0.090 | 0.036 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium                     | 5700   |           | 36    | 18    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium                    | 40     | F1        | 0.36  | 0.17  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt                      | 14     |           | 0.18  | 0.072 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

### Client Sample ID: TP-1 (1-1.5) (Continued)

### Lab Sample ID: 410-140330-5

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil | Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|-----|-----|---|--------|-----------|
| Copper    | 21     |           | 0.36  | 0.16  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Iron      | 32000  | ^2        | 90    | 41    | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Lead      | 11     | F1        | 0.18  | 0.068 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Magnesium | 6800   |           | 9.0   | 4.4   | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Manganese | 1400   | ^2 F2     | 1.8   | 0.90  | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Nickel    | 39     |           | 0.36  | 0.17  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Potassium | 5800   |           | 36    | 14    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Selenium  | 0.18   | J         | 0.36  | 0.090 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Silver    | 0.096  |           | 0.090 | 0.036 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Sodium    | 190    |           | 45    | 21    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Thallium  | 0.34   |           | 0.090 | 0.035 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Zinc      | 62     |           | 27    | 3.6   | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Vanadium  | 57     | F1        | 0.72  | 0.18  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Mercury   | 0.044  | J         | 0.076 | 0.025 | mg/Kg | 1   | ✱   |   | 7471B  | Total/NA  |

### Client Sample ID: TP-4 (0.33-1.33)

### Lab Sample ID: 410-140330-6

| Analyte              | Result | Qualifier | RL    | MDL   | Unit  | Dil | Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|-------|-------|-----|-----|---|--------|-----------|
| Toluene              | 0.96   | J         | 5.7   | 0.68  | ug/Kg | 1   | ✱   |   | 8260D  | Total/NA  |
| Benzo[b]fluoranthene | 5.0    | J         | 22    | 4.5   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Fluoranthene         | 4.8    | J         | 22    | 4.5   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Pyrene               | 5.8    | J         | 22    | 4.5   | ug/Kg | 1   | ✱   |   | 8270E  | Total/NA  |
| Lithium              | 36     |           | 28    | 11    | mg/Kg | 5   | ✱   |   | 6010D  | Total/NA  |
| Aluminum             | 53000  |           | 110   | 55    | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Antimony             | 0.093  | J         | 0.22  | 0.089 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Arsenic              | 4.6    |           | 0.45  | 0.15  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Barium               | 360    |           | 2.2   | 1.0   | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Beryllium            | 1.8    |           | 0.11  | 0.027 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Cadmium              | 0.095  | J         | 0.11  | 0.045 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Calcium              | 4300   |           | 45    | 22    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Chromium             | 65     |           | 0.45  | 0.21  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Cobalt               | 20     |           | 0.22  | 0.089 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Copper               | 38     |           | 0.45  | 0.20  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Iron                 | 51000  |           | 110   | 51    | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |
| Lead                 | 17     |           | 0.22  | 0.085 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Magnesium            | 13000  |           | 11    | 5.5   | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Manganese            | 600    |           | 0.45  | 0.22  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Nickel               | 43     |           | 0.45  | 0.21  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Potassium            | 9200   |           | 45    | 18    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Selenium             | 0.24   | J         | 0.45  | 0.11  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Sodium               | 250    |           | 56    | 27    | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Thallium             | 0.47   |           | 0.11  | 0.044 | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Zinc                 | 120    |           | 33    | 4.5   | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Vanadium             | 91     |           | 0.89  | 0.22  | mg/Kg | 2   | ✱   |   | 6020B  | Total/NA  |
| Mercury              | 0.042  | J         | 0.077 | 0.026 | mg/Kg | 1   | ✱   |   | 7471B  | Total/NA  |

### Client Sample ID: TP-4 (5.5-6.5)

### Lab Sample ID: 410-140330-7

| Analyte  | Result | Qualifier | RL  | MDL  | Unit  | Dil | Fac | D | Method | Prep Type |
|----------|--------|-----------|-----|------|-------|-----|-----|---|--------|-----------|
| Toluene  | 0.81   | J         | 6.2 | 0.74 | ug/Kg | 1   | ✱   |   | 8260D  | Total/NA  |
| Lithium  | 26     |           | 6.0 | 2.4  | mg/Kg | 1   | ✱   |   | 6010D  | Total/NA  |
| Aluminum | 27000  |           | 120 | 60   | mg/Kg | 10  | ✱   |   | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

### Client Sample ID: TP-4 (5.5-6.5) (Continued)

### Lab Sample ID: 410-140330-7

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Arsenic   | 3.6    |           | 0.48 | 0.16  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium    | 250    |           | 2.4  | 1.1   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium | 1.3    |           | 0.12 | 0.029 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium   | 0.11   | J         | 0.12 | 0.048 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium   | 47000  |           | 240  | 120   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Chromium  | 43     |           | 0.48 | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt    | 14     |           | 0.24 | 0.097 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper    | 27     |           | 0.48 | 0.22  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron      | 36000  |           | 120  | 56    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead      | 10     |           | 0.24 | 0.092 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium | 20000  |           | 12   | 5.9   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese | 630    |           | 0.48 | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 31     |           | 0.48 | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 7700   |           | 48   | 19    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 940    |           | 60   | 29    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.30   |           | 0.12 | 0.047 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 77     |           | 36   | 4.8   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 64     |           | 0.97 | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

### Client Sample ID: TP-5 (1.17-2.17)

### Lab Sample ID: 410-140330-8

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | Dil Fac | D | Method | Prep Type |
|-----------|--------|-----------|-------|-------|-------|---------|---|--------|-----------|
| Lithium   | 15     |           | 6.0   | 2.4   | mg/Kg | 1       | ✱ | 6010D  | Total/NA  |
| Aluminum  | 48000  |           | 120   | 60    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Arsenic   | 4.0    |           | 0.48  | 0.16  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Barium    | 310    |           | 2.4   | 1.1   | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Beryllium | 1.5    |           | 0.12  | 0.029 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cadmium   | 0.048  | J         | 0.12  | 0.048 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Calcium   | 5000   |           | 48    | 24    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Chromium  | 64     |           | 0.48  | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Cobalt    | 16     |           | 0.24  | 0.097 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Copper    | 27     |           | 0.48  | 0.22  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Iron      | 46000  |           | 120   | 56    | mg/Kg | 10      | ✱ | 6020B  | Total/NA  |
| Lead      | 16     |           | 0.24  | 0.092 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Magnesium | 13000  |           | 12    | 5.9   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Manganese | 490    |           | 0.48  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Nickel    | 36     |           | 0.48  | 0.23  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Potassium | 7600   |           | 48    | 19    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Selenium  | 0.33   | J         | 0.48  | 0.12  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Silver    | 0.072  | J         | 0.12  | 0.049 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Sodium    | 220    |           | 60    | 29    | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.46   |           | 0.12  | 0.047 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Zinc      | 100    |           | 36    | 4.8   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Vanadium  | 90     |           | 0.97  | 0.24  | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Mercury   | 0.027  | J         | 0.073 | 0.024 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

### Client Sample ID: TP-5 (7.5-8.5)

### Lab Sample ID: 410-140330-9

| Analyte  | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Toluene  | 0.64   | J         | 5.1  | 0.62 | ug/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Aluminum | 8600   |           | 20   | 10   | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |
| Arsenic  | 1.7    |           | 0.40 | 0.13 | mg/Kg | 2       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC



## Detection Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

### Client Sample ID: TP-5 (7.5-8.5) (Continued)

### Lab Sample ID: 410-140330-9

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | Dil | Fac | D | Method | Prep Type |
|-----------|--------|-----------|------|-------|-------|-----|-----|---|--------|-----------|
| Barium    | 91     |           | 0.40 | 0.18  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Beryllium | 0.37   |           | 0.10 | 0.024 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Cadmium   | 0.11   |           | 0.10 | 0.040 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Calcium   | 170000 |           | 1000 | 490   | mg/Kg | 50  |     | ✱ | 6020B  | Total/NA  |
| Chromium  | 15     |           | 0.40 | 0.19  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Cobalt    | 5.2    |           | 0.20 | 0.081 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Copper    | 9.7    |           | 0.40 | 0.18  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Iron      | 12000  |           | 20   | 9.3   | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Lead      | 4.3    |           | 0.20 | 0.077 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Magnesium | 18000  |           | 10   | 4.9   | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Manganese | 520    |           | 0.40 | 0.20  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Nickel    | 10     |           | 0.40 | 0.19  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Potassium | 2700   |           | 40   | 16    | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Sodium    | 390    |           | 50   | 24    | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Thallium  | 0.11   |           | 0.10 | 0.040 | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Zinc      | 23     | J         | 30   | 4.0   | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |
| Vanadium  | 23     |           | 0.81 | 0.20  | mg/Kg | 2   |     | ✱ | 6020B  | Total/NA  |

### Client Sample ID: TB-20230824

### Lab Sample ID: 410-140330-10

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-3 (1-1.5)

Lab Sample ID: 410-140330-1

Date Collected: 08/24/23 08:45

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 74.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result       | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND           |           | 6.2 | 0.74 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| 1,1,2-Trichloroethane    | ND           |           | 6.2 | 0.62 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| 1,1-Dichloroethene       | ND           |           | 6.2 | 0.62 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| 1,2,4-Trichlorobenzene   | ND           |           | 12  | 6.2  | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| 1,2-Dichlorobenzene      | ND           |           | 6.2 | 0.87 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| 1,2-Dichloroethane       | ND           |           | 6.2 | 0.74 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| 1,2-Dichloropropane      | ND           |           | 6.2 | 0.62 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| 1,4-Dichlorobenzene      | ND           |           | 6.2 | 0.87 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Benzene                  | ND           |           | 6.2 | 0.62 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Bromodichloromethane     | ND           |           | 6.2 | 0.87 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Bromoform                | ND           |           | 12  | 6.2  | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Carbon tetrachloride     | ND           |           | 6.2 | 0.87 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Chlorobenzene            | ND           |           | 6.2 | 0.87 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Chloroform               | ND           |           | 6.2 | 0.74 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| cis-1,2-Dichloroethene   | ND           |           | 6.2 | 0.62 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Dibromochloromethane     | ND           |           | 6.2 | 0.62 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Ethylbenzene             | ND           |           | 6.2 | 0.87 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| m&p-Xylene               | ND           |           | 6.2 | 2.5  | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Methylene Chloride       | ND           |           | 6.2 | 2.5  | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| o-Xylene                 | ND           |           | 6.2 | 0.87 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Styrene                  | ND           |           | 6.2 | 0.87 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Tetrachloroethene        | ND           |           | 6.2 | 0.87 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| <b>Toluene</b>           | <b>1.7 J</b> |           | 6.2 | 0.74 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| trans-1,2-Dichloroethene | ND           |           | 6.2 | 0.62 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Trichloroethene          | ND           |           | 6.2 | 0.62 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Vinyl chloride           | ND           |           | 6.2 | 0.74 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 18:41 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Pentanal                        | 8.8         | T J N     | ug/Kg | ☼ | 8.08  | 110-62-3 | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Hexanal                         | 54          | T J N     | ug/Kg | ☼ | 10.22 | 66-25-1  | 08/27/23 12:47 | 08/29/23 18:41 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 92        |           | 50 - 131 | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 54 - 135 | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 50 - 141 | 08/27/23 12:47 | 08/29/23 18:41 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 52 - 141 | 08/27/23 12:47 | 08/29/23 18:41 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 58   | 27  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 58   | 27  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2,4-Dinitrophenol            | ND     | *- cn     | 1300 | 220 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 220  | 45  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2-Chloronaphthalene          | ND     | cn        | 45   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2-Chlorophenol               | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-3 (1-1.5)

Lab Sample ID: 410-140330-1

Date Collected: 08/24/23 08:45

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 74.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result    | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| <b>2-Methylnaphthalene</b>  | <b>12</b> | <b>J</b>  | 22  | 6.7 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2-Methylphenol              | ND        |           | 67  | 27  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2-Nitroaniline              | ND        |           | 67  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2-Nitrophenol               | ND        |           | 67  | 27  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 3,3'-Dichlorobenzidine      | ND        |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 3-Nitroaniline              | ND        |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND        | *- cn     | 670 | 220 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 4-Bromophenyl phenyl ether  | ND        |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 4-Chloro-3-methylphenol     | ND        |           | 67  | 27  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 4-Chloroaniline             | ND        |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 4-Chlorophenyl phenyl ether | ND        |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 4-Methylphenol              | ND        |           | 67  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 4-Nitroaniline              | ND        |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 4-Nitrophenol               | ND        |           | 670 | 220 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Acenaphthene                | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Acenaphthylene              | ND        |           | 22  | 5.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Acetophenone                | ND        |           | 67  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Anthracene                  | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Atrazine                    | ND        |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Benzaldehyde                | ND        |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Benzo[a]anthracene          | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Benzo[a]pyrene              | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Benzo[b]fluoranthene        | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Benzo[g,h,i]perylene        | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Benzo[k]fluoranthene        | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Butyl benzyl phthalate      | ND        |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Caprolactam                 | ND        | cn        | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Carbazole                   | ND        |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Chrysene                    | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Di-n-butyl phthalate        | ND        |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Di-n-octyl phthalate        | ND        |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Dibenz(a,h)anthracene       | ND        |           | 22  | 9.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Dibenzofuran                | ND        |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Diethyl phthalate           | ND        |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Dimethyl phthalate          | ND        |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Fluoranthene                | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Fluorene                    | ND        |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Hexachlorobenzene           | ND        |           | 22  | 9.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Hexachlorobutadiene         | ND        |           | 67  | 27  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Hexachlorocyclopentadiene   | ND        |           | 670 | 220 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Hexachloroethane            | ND        |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND        |           | 22  | 5.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Isophorone                  | ND        |           | 90  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| N-Nitrosodi-n-propylamine   | ND        |           | 90  | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| N-Nitrosodiphenylamine      | ND        |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| <b>Naphthalene</b>          | <b>63</b> |           | 22  | 9.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Nitrobenzene                | ND        |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Pentachlorophenol           | ND        | cn        | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Phenanthrene                | ND        |           | 22  | 5.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-3 (1-1.5)

Lab Sample ID: 410-140330-1

Date Collected: 08/24/23 08:45

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 74.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Phenol                      | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Pyrene                      | ND     |           | 22  | 4.5 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 49  | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 220 | 90  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 00:39 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                            | 230         | T J       | ug/Kg | ☼ | 1.63  | N/A        | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Furfural                           | 380         | T J N     | ug/Kg | ☼ | 1.89  | 98-01-1    | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Unknown                            | 4700        | T J B     | ug/Kg | ☼ | 2.04  | N/A        | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2-Furanmethanol                    | 470         | T J N     | ug/Kg | ☼ | 2.29  | 98-00-0    | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Unknown                            | 750         | T J       | ug/Kg | ☼ | 2.41  | N/A        | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Unknown                            | 260         | T J       | ug/Kg | ☼ | 4.33  | N/A        | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Unknown                            | 820         | T J       | ug/Kg | ☼ | 4.87  | N/A        | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Unknown                            | 500         | T J       | ug/Kg | ☼ | 5.66  | N/A        | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Vanillin                           | 510         | T J N     | ug/Kg | ☼ | 6.62  | 121-33-5   | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Benzoic acid, 4-hydroxy-3-methoxy- | 230         | T J N     | ug/Kg | ☼ | 7.46  | 121-34-6   | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| n-Hexadecanoic acid                | 620         | T J N     | ug/Kg | ☼ | 9.19  | 57-10-3    | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Octadecanoic acid                  | 290         | T J N     | ug/Kg | ☼ | 9.95  | 57-11-4    | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Phosphonic acid, dioctadecyl ester | 230         | T J N     | ug/Kg | ☼ | 11.07 | 19047-85-9 | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Ethanol, 2-(tetradecyloxy)-        | 350         | T J N     | ug/Kg | ☼ | 11.69 | 2136-70-1  | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Unknown                            | 370         | T J       | ug/Kg | ☼ | 13.49 | N/A        | 08/30/23 07:58 | 08/31/23 00:39 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 68        |           | 10 - 138 | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2-Fluorobiphenyl (Surr)     | 65        |           | 37 - 120 | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| 2-Fluorophenol (Surr)       | 54        |           | 22 - 120 | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Nitrobenzene-d5 (Surr)      | 65        |           | 26 - 120 | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| p-Terphenyl-d14 (Surr)      | 73        |           | 40 - 133 | 08/30/23 07:58 | 08/31/23 00:39 | 1       |
| Phenol-d5 (Surr)            | 57        |           | 27 - 120 | 08/30/23 07:58 | 08/31/23 00:39 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 12     |           | 6.6 | 2.6 | mg/Kg | ☼ | 08/27/23 20:21 | 08/28/23 09:31 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 44000  |           | 130  | 66    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:59 | 10      |
| Antimony  | ND     |           | 0.26 | 0.11  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Arsenic   | 4.7    |           | 0.53 | 0.18  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Barium    | 330    |           | 2.6  | 1.2   | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:59 | 10      |
| Beryllium | 1.8    |           | 0.13 | 0.032 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Cadmium   | 0.070  | J         | 0.13 | 0.053 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Calcium   | 3900   |           | 53   | 26    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Chromium  | 61     |           | 0.53 | 0.25  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Cobalt    | 22     |           | 0.26 | 0.11  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Copper    | 33     |           | 0.53 | 0.24  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Iron      | 48000  |           | 130  | 61    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:59 | 10      |
| Lead      | 20     |           | 0.26 | 0.10  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Magnesium | 12000  |           | 13   | 6.5   | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-3 (1-1.5)

Lab Sample ID: 410-140330-1

Date Collected: 08/24/23 08:45

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 74.0

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Manganese | 810    |           | 0.53 | 0.26  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Nickel    | 40     |           | 0.53 | 0.25  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Potassium | 8700   |           | 53   | 21    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Selenium  | 0.26   | J         | 0.53 | 0.13  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Silver    | ND     |           | 0.13 | 0.054 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Sodium    | 280    |           | 66   | 32    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Thallium  | 0.44   |           | 0.13 | 0.052 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Zinc      | 110    |           | 40   | 5.3   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |
| Vanadium  | 89     |           | 1.1  | 0.26  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:57 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.037  | J         | 0.075 | 0.025 | mg/Kg | ✱ | 08/28/23 05:53 | 08/29/23 13:39 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 26.0   |           | 1.0 | 1.0 | %    |   |          | 08/25/23 12:49 | 1       |

Client Sample ID: TP-3 (4-4.25)

Lab Sample ID: 410-140330-2

Date Collected: 08/24/23 08:55

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 91.6

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| 1,1-Dichloroethene       | ND     |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 10  | 5.1  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| 1,2-Dichloroethane       | ND     |           | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| 1,2-Dichloropropane      | ND     |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Benzene                  | ND     |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Bromodichloromethane     | ND     |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Bromoform                | ND     |           | 10  | 5.1  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Carbon tetrachloride     | ND     |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Chlorobenzene            | ND     |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Chloroform               | ND     |           | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Dibromochloromethane     | ND     |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Ethylbenzene             | ND     |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| m&p-Xylene               | ND     |           | 5.1 | 2.1  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Methylene Chloride       | ND     |           | 5.1 | 2.1  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| o-Xylene                 | ND     |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Styrene                  | ND     |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Tetrachloroethene        | ND     |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Toluene                  | 0.86   | J         | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Trichloroethene          | ND     |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Vinyl chloride           | ND     |           | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:04 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-3 (4-4.25)

Lab Sample ID: 410-140330-2

Date Collected: 08/24/23 08:55

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 91.6

| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|----------|---|------|---------|----------------|----------------|---------|
| Unknown                         | 9.8         | T J       | ug/Kg    | ☼ | 3.80 | N/A     | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Surrogate                       | %Recovery   | Qualifier | Limits   |   |      |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)     | 92          |           | 50 - 131 |   |      |         | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| 1,2-Dichloroethane-d4 (Surr)    | 106         |           | 54 - 135 |   |      |         | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Dibromofluoromethane (Surr)     | 105         |           | 50 - 141 |   |      |         | 08/27/23 12:47 | 08/29/23 19:04 | 1       |
| Toluene-d8 (Surr)               | 95          |           | 52 - 141 |   |      |         | 08/27/23 12:47 | 08/29/23 19:04 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 40   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 40   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 40   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 40   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2,4-Dinitrophenol            | ND     | *- cn     | 1100 | 180 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 180  | 36  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 40   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2-Chloronaphthalene          | ND     | cn        | 36   | 14  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2-Chlorophenol               | ND     |           | 40   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2-Methylnaphthalene          | ND     |           | 18   | 5.4 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2-Methylphenol               | ND     |           | 54   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2-Nitroaniline               | ND     |           | 54   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2-Nitrophenol                | ND     |           | 54   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 180  | 36  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 3-Nitroaniline               | ND     |           | 180  | 36  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     | *- cn     | 540  | 180 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 40   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 54   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 4-Chloroaniline              | ND     |           | 180  | 36  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 40   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 4-Methylphenol               | ND     |           | 54   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 4-Nitroaniline               | ND     |           | 180  | 36  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 4-Nitrophenol                | ND     |           | 540  | 180 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Acenaphthene                 | ND     |           | 18   | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Acenaphthylene               | ND     |           | 18   | 4.3 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Acetophenone                 | ND     |           | 54   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Anthracene                   | ND     |           | 18   | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Atrazine                     | ND     |           | 180  | 72  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Benzaldehyde                 | ND     |           | 180  | 36  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Benzo[a]anthracene           | ND     |           | 18   | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Benzo[a]pyrene               | ND     |           | 18   | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Benzo[b]fluoranthene         | ND     |           | 18   | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Benzo[g,h,i]perylene         | ND     |           | 18   | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Benzo[k]fluoranthene         | ND     |           | 18   | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Butyl benzyl phthalate       | ND     |           | 180  | 72  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Caprolactam                  | ND     | cn        | 180  | 36  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Carbazole                    | ND     |           | 40   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Chrysene                     | ND     |           | 18   | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-3 (4-4.25)

Lab Sample ID: 410-140330-2

Date Collected: 08/24/23 08:55

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 91.6

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Di-n-butyl phthalate        | ND     |           | 180 | 72  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Di-n-octyl phthalate        | ND     |           | 180 | 72  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 18  | 7.2 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Dibenzofuran                | ND     |           | 40  | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Diethyl phthalate           | ND     |           | 180 | 72  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Dimethyl phthalate          | ND     |           | 180 | 72  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Fluoranthene                | ND     |           | 18  | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Fluorene                    | ND     |           | 18  | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Hexachlorobenzene           | ND     |           | 18  | 7.2 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Hexachlorobutadiene         | ND     |           | 54  | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 540 | 180 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Hexachloroethane            | ND     |           | 180 | 36  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 18  | 4.3 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Isophorone                  | ND     |           | 72  | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 72  | 36  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 40  | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Naphthalene                 | ND     |           | 18  | 7.2 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Nitrobenzene                | ND     |           | 40  | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Pentachlorophenol           | ND     | cn        | 180 | 72  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Phenanthrene                | ND     |           | 18  | 4.3 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Phenol                      | ND     |           | 40  | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Pyrene                      | ND     |           | 18  | 3.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 40  | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 40  | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 180 | 72  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:01 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Unknown                         | 2200        | T J B     | ug/Kg | ☼ | 2.03  | N/A     | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Unknown                         | 150         | T J       | ug/Kg | ☼ | 11.02 | N/A     | 08/30/23 07:58 | 08/31/23 01:01 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 74        |           | 10 - 138 | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2-Fluorobiphenyl (Surr)     | 63        |           | 37 - 120 | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| 2-Fluorophenol (Surr)       | 55        |           | 22 - 120 | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Nitrobenzene-d5 (Surr)      | 67        |           | 26 - 120 | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| p-Terphenyl-d14 (Surr)      | 78        |           | 40 - 133 | 08/30/23 07:58 | 08/31/23 01:01 | 1       |
| Phenol-d5 (Surr)            | 58        |           | 27 - 120 | 08/30/23 07:58 | 08/31/23 01:01 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | ND     |           | 4.0 | 1.6 | mg/Kg | ☼ | 08/27/23 20:21 | 08/28/23 09:51 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 7400   |           | 16    | 7.9   | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Antimony  | ND     |           | 0.16  | 0.064 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Arsenic   | 1.3    |           | 0.32  | 0.11  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Barium    | 65     |           | 0.32  | 0.15  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Beryllium | 0.31   |           | 0.080 | 0.019 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Cadmium   | ND     |           | 0.080 | 0.032 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-3 (4-4.25)

Lab Sample ID: 410-140330-2

Date Collected: 08/24/23 08:55

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 91.6

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Calcium   | 190000 |           | 800   | 390   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:51 | 50      |
| Chromium  | 12     |           | 0.32  | 0.15  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Cobalt    | 3.8    |           | 0.16  | 0.064 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Copper    | 7.0    |           | 0.32  | 0.14  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Iron      | 9800   |           | 16    | 7.3   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Lead      | 4.2    |           | 0.16  | 0.061 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Magnesium | 14000  |           | 8.0   | 3.9   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Manganese | 370    |           | 0.32  | 0.16  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Nickel    | 7.6    |           | 0.32  | 0.15  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Potassium | 2100   |           | 32    | 13    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Selenium  | ND     |           | 0.32  | 0.080 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Silver    | ND     |           | 0.080 | 0.032 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Sodium    | 240    |           | 40    | 19    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Thallium  | 0.097  |           | 0.080 | 0.031 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Zinc      | 17 J   |           | 24    | 3.2   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |
| Vanadium  | 18     |           | 0.64  | 0.16  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:09 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.065 | 0.022 | mg/Kg | ✱ | 08/28/23 05:53 | 08/29/23 13:37 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 8.4    |           | 1.0 | 1.0 | %    |   |          | 08/25/23 12:49 | 1       |

Client Sample ID: TP-2 (1-1.25)

Lab Sample ID: 410-140330-3

Date Collected: 08/24/23 09:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.6

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 5.6 | 0.67 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 5.6 | 0.56 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| 1,1-Dichloroethene     | ND     |           | 5.6 | 0.56 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 11  | 5.6  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 5.6 | 0.78 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| 1,2-Dichloroethane     | ND     |           | 5.6 | 0.67 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| 1,2-Dichloropropane    | ND     |           | 5.6 | 0.56 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 5.6 | 0.78 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Benzene                | ND     |           | 5.6 | 0.56 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Bromodichloromethane   | ND     |           | 5.6 | 0.78 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Bromoform              | ND     |           | 11  | 5.6  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Carbon tetrachloride   | ND     |           | 5.6 | 0.78 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Chlorobenzene          | ND     |           | 5.6 | 0.78 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Chloroform             | ND     |           | 5.6 | 0.67 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| cis-1,2-Dichloroethene | ND     |           | 5.6 | 0.56 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Dibromochloromethane   | ND     |           | 5.6 | 0.56 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Ethylbenzene           | ND     |           | 5.6 | 0.78 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| m&p-Xylene             | ND     |           | 5.6 | 2.2  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Methylene Chloride     | ND     |           | 5.6 | 2.2  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-2 (1-1.25)

Lab Sample ID: 410-140330-3

Date Collected: 08/24/23 09:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.6

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result      | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|-------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| o-Xylene                 | ND          |           | 5.6 | 0.78 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Styrene                  | ND          |           | 5.6 | 0.78 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Tetrachloroethene        | ND          |           | 5.6 | 0.78 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| <b>Toluene</b>           | <b>0.91</b> | <b>J</b>  | 5.6 | 0.67 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| trans-1,2-Dichloroethene | ND          |           | 5.6 | 0.56 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Trichloroethene          | ND          |           | 5.6 | 0.56 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Vinyl chloride           | ND          |           | 5.6 | 0.67 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 19:28 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Acetone                         | 7.5         | T J N     | ug/Kg | ☼ | 3.15  | 67-64-1  | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Unknown                         | 6.6         | T J       | ug/Kg | ☼ | 3.81  | N/A      | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Pentanal                        | 6.6         | T J N     | ug/Kg | ☼ | 8.09  | 110-62-3 | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Hexanal                         | 58          | T J N     | ug/Kg | ☼ | 10.22 | 66-25-1  | 08/27/23 12:47 | 08/29/23 19:28 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 92        |           | 50 - 131 | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 108       |           | 54 - 135 | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 50 - 141 | 08/27/23 12:47 | 08/29/23 19:28 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 52 - 141 | 08/27/23 12:47 | 08/29/23 19:28 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result    | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND        |           | 47   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND        |           | 56   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2,4,5-Trichlorophenol        | ND        |           | 47   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2,4,6-Trichlorophenol        | ND        |           | 47   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2,4-Dichlorophenol           | ND        |           | 56   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2,4-Dimethylphenol           | ND        |           | 47   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2,4-Dinitrophenol            | ND        | *- cn     | 1300 | 210 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2,4-Dinitrotoluene           | ND        |           | 210  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2,6-Dinitrotoluene           | ND        |           | 47   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2-Chloronaphthalene          | ND        | cn        | 43   | 17  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2-Chlorophenol               | ND        |           | 47   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2-Methylnaphthalene          | ND        |           | 21   | 6.4 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2-Methylphenol               | ND        |           | 64   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2-Nitroaniline               | ND        |           | 64   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2-Nitrophenol                | ND        |           | 64   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 3,3'-Dichlorobenzidine       | ND        |           | 210  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 3-Nitroaniline               | ND        |           | 210  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND        | *- cn     | 640  | 210 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 4-Bromophenyl phenyl ether   | ND        |           | 47   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 4-Chloro-3-methylphenol      | ND        |           | 64   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 4-Chloroaniline              | ND        |           | 210  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 4-Chlorophenyl phenyl ether  | ND        |           | 47   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 4-Methylphenol               | ND        |           | 64   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 4-Nitroaniline               | ND        |           | 210  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 4-Nitrophenol                | ND        |           | 640  | 210 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Acenaphthene                 | ND        |           | 21   | 4.3 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Acenaphthylene</b>        | <b>32</b> |           | 21   | 5.2 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Acetophenone                 | ND        |           | 64   | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-2 (1-1.25)

Lab Sample ID: 410-140330-3

Date Collected: 08/24/23 09:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.6

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                       | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-------------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| <b>Anthracene</b>             | <b>12</b>  | <b>J</b>  | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Atrazine                      | ND         |           | 210 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Benzaldehyde                  | ND         |           | 210 | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Benzo[a]anthracene</b>     | <b>61</b>  |           | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Benzo[a]pyrene</b>         | <b>87</b>  |           | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Benzo[b]fluoranthene</b>   | <b>120</b> |           | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Benzo[g,h,i]perylene</b>   | <b>77</b>  |           | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Benzo[k]fluoranthene</b>   | <b>46</b>  |           | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Butyl benzyl phthalate        | ND         |           | 210 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Caprolactam                   | ND         | cn        | 210 | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Carbazole                     | ND         |           | 47  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Chrysene</b>               | <b>100</b> |           | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Di-n-butyl phthalate          | ND         |           | 210 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Di-n-octyl phthalate          | ND         |           | 210 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Dibenz(a,h)anthracene</b>  | <b>18</b>  | <b>J</b>  | 21  | 8.6 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Dibenzofuran                  | ND         |           | 47  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Diethyl phthalate             | ND         |           | 210 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Dimethyl phthalate            | ND         |           | 210 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Fluoranthene</b>           | <b>110</b> |           | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Fluorene                      | ND         |           | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Hexachlorobenzene             | ND         |           | 21  | 8.6 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Hexachlorobutadiene           | ND         |           | 64  | 26  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Hexachlorocyclopentadiene     | ND         |           | 640 | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Hexachloroethane              | ND         |           | 210 | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Indeno[1,2,3-cd]pyrene</b> | <b>75</b>  |           | 21  | 5.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Isophorone                    | ND         |           | 86  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| N-Nitrosodi-n-propylamine     | ND         |           | 86  | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| N-Nitrosodiphenylamine        | ND         |           | 47  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Naphthalene                   | ND         |           | 21  | 8.6 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Nitrobenzene                  | ND         |           | 47  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Pentachlorophenol             | ND         | cn        | 210 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Phenanthrene</b>           | <b>31</b>  |           | 21  | 5.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Phenol                        | ND         |           | 47  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| <b>Pyrene</b>                 | <b>110</b> |           | 21  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Bis(2-chloroethoxy)methane    | ND         |           | 47  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Bis(2-chloroethyl)ether       | ND         |           | 47  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Bis(2-ethylhexyl) phthalate   | ND         |           | 210 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:22 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Erucic acid                        | 2900        | T J N     | ug/Kg | ✱ | 9.14  | 112-86-7   | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| n-Hexadecanoic acid                | 7200        | T J N     | ug/Kg | ✱ | 9.19  | 57-10-3    | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Unknown                            | 2500        | T J       | ug/Kg | ✱ | 9.95  | N/A        | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Unknown                            | 2300        | T J       | ug/Kg | ✱ | 10.39 | N/A        | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Unknown                            | 2300        | T J       | ug/Kg | ✱ | 10.57 | N/A        | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Unknown                            | 13000       | T J       | ug/Kg | ✱ | 11.07 | N/A        | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Phosphonic acid, dioctadecyl ester | 17000       | T J N     | ug/Kg | ✱ | 11.69 | 19047-85-9 | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Unknown                            | 2600        | T J       | ug/Kg | ✱ | 11.90 | N/A        | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Hexatriacontane                    | 9700        | T J N     | ug/Kg | ✱ | 12.86 | 630-06-8   | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Unknown                            | 2800        | T J       | ug/Kg | ✱ | 12.92 | N/A        | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Campesterol                        | 3300        | T J N     | ug/Kg | ✱ | 13.23 | 474-62-4   | 08/30/23 07:58 | 08/31/23 01:22 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-2 (1-1.25)

Lab Sample ID: 410-140330-3

Date Collected: 08/24/23 09:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.6

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|----------|---|-------|---------|----------------|----------------|---------|
| .gamma.-Sitosterol              | 12000       | T J N     | ug/Kg    | ⊛ | 13.49 | 83-47-6 | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Unknown                         | 2400        | T J       | ug/Kg    | ⊛ | 13.76 | N/A     | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Testosterone                    | 2600        | T J N     | ug/Kg    | ⊛ | 13.87 | 58-22-0 | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Unknown                         | 2300        | T J       | ug/Kg    | ⊛ | 13.99 | N/A     | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Surrogate                       | %Recovery   | Qualifier | Limits   |   |       |         | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)     | 75          |           | 10 - 138 |   |       |         | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2-Fluorobiphenyl (Surr)         | 72          |           | 37 - 120 |   |       |         | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| 2-Fluorophenol (Surr)           | 57          |           | 22 - 120 |   |       |         | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Nitrobenzene-d5 (Surr)          | 73          |           | 26 - 120 |   |       |         | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| p-Terphenyl-d14 (Surr)          | 82          |           | 40 - 133 |   |       |         | 08/30/23 07:58 | 08/31/23 01:22 | 1       |
| Phenol-d5 (Surr)                | 62          |           | 27 - 120 |   |       |         | 08/30/23 07:58 | 08/31/23 01:22 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Lithium | 19     | J         | 25 | 9.9 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/28/23 18:29 | 5       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 35000  |           | 99    | 49    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:07 | 10      |
| Antimony  | 0.12   | J         | 0.20  | 0.079 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Arsenic   | 4.1    |           | 0.40  | 0.13  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Barium    | 220    |           | 2.0   | 0.91  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:07 | 10      |
| Beryllium | 1.4    |           | 0.099 | 0.024 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Cadmium   | 0.20   |           | 0.099 | 0.040 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Calcium   | 3900   |           | 40    | 19    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Chromium  | 48     |           | 0.40  | 0.19  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Cobalt    | 19     |           | 0.20  | 0.079 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Copper    | 22     |           | 0.40  | 0.18  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Iron      | 38000  |           | 99    | 46    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:07 | 10      |
| Lead      | 25     |           | 0.20  | 0.075 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Magnesium | 9900   |           | 9.9   | 4.9   | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Manganese | 860    |           | 0.40  | 0.20  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Nickel    | 29     |           | 0.40  | 0.19  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Potassium | 6000   |           | 40    | 16    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Selenium  | 0.41   |           | 0.40  | 0.099 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Silver    | 0.055  | J         | 0.099 | 0.040 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Sodium    | 200    |           | 50    | 24    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Thallium  | 0.37   |           | 0.099 | 0.039 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Zinc      | 100    |           | 30    | 4.0   | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |
| Vanadium  | 75     |           | 0.79  | 0.20  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:05 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.051  | J         | 0.077 | 0.026 | mg/Kg | ⊛ | 08/28/23 05:53 | 08/29/23 13:29 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 22.4   |           | 1.0 | 1.0 | %    | — |          | 08/25/23 12:49 | 1       |

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-2 (5.5-6)

Lab Sample ID: 410-140330-4

Date Collected: 08/24/23 09:50

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 79.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| 1,1-Dichloroethene       | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 12  | 5.8  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| 1,2-Dichloroethane       | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| 1,2-Dichloropropane      | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Benzene                  | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Bromodichloromethane     | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Bromoform                | ND     |           | 12  | 5.8  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Carbon tetrachloride     | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Chlorobenzene            | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Chloroform               | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Dibromochloromethane     | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Ethylbenzene             | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| m&p-Xylene               | ND     |           | 5.8 | 2.3  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Methylene Chloride       | ND     |           | 5.8 | 2.3  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| o-Xylene                 | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Styrene                  | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Tetrachloroethene        | ND     |           | 5.8 | 0.81 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Toluene                  | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Trichloroethene          | ND     |           | 5.8 | 0.58 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Vinyl chloride           | ND     |           | 5.8 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 19:51 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|----|---------|----------------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/Kg | ✱ |    | N/A     | 08/27/23 12:47 | 08/29/23 19:51 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 92        |           | 50 - 131 | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 112       |           | 54 - 135 | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Dibromofluoromethane (Surr)  | 107       |           | 50 - 141 | 08/27/23 12:47 | 08/29/23 19:51 | 1       |
| Toluene-d8 (Surr)            | 95        |           | 52 - 141 | 08/27/23 12:47 | 08/29/23 19:51 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 55   | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 55   | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2,4-Dinitrophenol            | ND     | *- cn     | 1300 | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 210  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2-Chloronaphthalene          | ND     | cn        | 42   | 17  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2-Chlorophenol               | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2-Methylnaphthalene          | ND     |           | 21   | 6.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-2 (5.5-6)

Lab Sample ID: 410-140330-4

Date Collected: 08/24/23 09:50

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 79.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2-Methylphenol              | ND     |           | 63  | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2-Nitroaniline              | ND     |           | 63  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2-Nitrophenol               | ND     |           | 63  | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 3-Nitroaniline              | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     | *- cn     | 630 | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 63  | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 4-Chloroaniline             | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 4-Methylphenol              | ND     |           | 63  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 4-Nitroaniline              | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 4-Nitrophenol               | ND     |           | 630 | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Acenaphthene                | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Acenaphthylene              | ND     |           | 21  | 5.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Acetophenone                | ND     |           | 63  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Anthracene                  | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Atrazine                    | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Benzaldehyde                | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Benzo[a]anthracene          | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Benzo[a]pyrene              | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Butyl benzyl phthalate      | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Caprolactam                 | ND     | cn        | 210 | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Carbazole                   | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Chrysene                    | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Di-n-butyl phthalate        | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Di-n-octyl phthalate        | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 21  | 8.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Dibenzofuran                | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Diethyl phthalate           | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Dimethyl phthalate          | ND     |           | 210 | 84  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Fluoranthene                | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Fluorene                    | ND     |           | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Hexachlorobenzene           | ND     |           | 21  | 8.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Hexachlorobutadiene         | ND     |           | 63  | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 630 | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Hexachloroethane            | ND     |           | 210 | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 21  | 5.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Isophorone                  | ND     |           | 84  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 84  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Naphthalene                 | ND     |           | 21  | 8.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Nitrobenzene                | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Pentachlorophenol           | ND     | cn        | 210 | 84  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Phenanthrene                | ND     |           | 21  | 5.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Phenol                      | ND     |           | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-2 (5.5-6)

Lab Sample ID: 410-140330-4

Date Collected: 08/24/23 09:50

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 79.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Pyrene                      | ND     |           | 21  | 4.2 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 46  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 46  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 210 | 84  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 01:44 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                            | 3500        | T J       | ug/Kg | ☼ | 1.39  | N/A        | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Unknown                            | 24000       | T J B     | ug/Kg | ☼ | 2.10  | N/A        | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Unknown                            | 570         | T J       | ug/Kg | ☼ | 8.65  | N/A        | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Phosphonic acid, dioctadecyl ester | 290         | T J N     | ug/Kg | ☼ | 11.07 | 19047-85-9 | 08/30/23 07:58 | 08/31/23 01:44 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 40        |           | 10 - 138 | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2-Fluorobiphenyl (Surr)     | 54        |           | 37 - 120 | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| 2-Fluorophenol (Surr)       | 45        |           | 22 - 120 | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Nitrobenzene-d5 (Surr)      | 59        |           | 26 - 120 | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| p-Terphenyl-d14 (Surr)      | 63        |           | 40 - 133 | 08/30/23 07:58 | 08/31/23 01:44 | 1       |
| Phenol-d5 (Surr)            | 50        |           | 27 - 120 | 08/30/23 07:58 | 08/31/23 01:44 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Lithium | 27     |           | 22 | 8.8 | mg/Kg | ☼ | 08/27/23 20:21 | 08/28/23 18:26 | 5       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 28000  |           | 88    | 44    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:45 | 10      |
| Antimony  | ND     |           | 0.18  | 0.070 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Arsenic   | 3.8    |           | 0.35  | 0.12  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Barium    | 270    |           | 1.8   | 0.80  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:45 | 10      |
| Beryllium | 1.3    |           | 0.088 | 0.021 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Cadmium   | 0.13   |           | 0.088 | 0.035 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Calcium   | 48000  |           | 180   | 86    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:45 | 10      |
| Chromium  | 44     |           | 0.35  | 0.17  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Cobalt    | 14     |           | 0.18  | 0.070 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Copper    | 27     |           | 0.35  | 0.16  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Iron      | 37000  |           | 88    | 41    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:45 | 10      |
| Lead      | 10     |           | 0.18  | 0.067 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Magnesium | 23000  |           | 44    | 22    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:45 | 10      |
| Manganese | 730    |           | 0.35  | 0.18  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Nickel    | 33     |           | 0.35  | 0.17  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Potassium | 8000   |           | 35    | 14    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Selenium  | ND     |           | 0.35  | 0.088 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Silver    | 0.036  | J         | 0.088 | 0.036 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Sodium    | 980    |           | 44    | 21    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Thallium  | 0.32   |           | 0.088 | 0.034 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Zinc      | 82     |           | 26    | 3.5   | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |
| Vanadium  | 65     |           | 0.70  | 0.18  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:43 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.071 | 0.024 | mg/Kg | ☼ | 08/28/23 05:53 | 08/29/23 13:35 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-2 (5.5-6)

Lab Sample ID: 410-140330-4

Date Collected: 08/24/23 09:50

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 79.0

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 21.0   |           | 1.0 | 1.0 | %    |   |          | 08/25/23 12:49 | 1       |

Client Sample ID: TP-1 (1-1.5)

Lab Sample ID: 410-140330-5

Date Collected: 08/24/23 10:40

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 79.2

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| 1,1-Dichloroethene       | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 11  | 5.5  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.5 | 0.76 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| 1,2-Dichloroethane       | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| 1,2-Dichloropropane      | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.5 | 0.76 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Benzene                  | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Bromodichloromethane     | ND     |           | 5.5 | 0.76 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Bromoform                | ND     |           | 11  | 5.5  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Carbon tetrachloride     | ND     |           | 5.5 | 0.76 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Chlorobenzene            | ND     |           | 5.5 | 0.76 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Chloroform               | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Dibromochloromethane     | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Ethylbenzene             | ND     |           | 5.5 | 0.76 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| m&p-Xylene               | ND     |           | 5.5 | 2.2  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Methylene Chloride       | ND     |           | 5.5 | 2.2  | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| o-Xylene                 | ND     |           | 5.5 | 0.76 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Styrene                  | ND     |           | 5.5 | 0.76 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Tetrachloroethene        | ND     |           | 5.5 | 0.76 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Toluene                  | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Trichloroethene          | ND     |           | 5.5 | 0.55 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Vinyl chloride           | ND     |           | 5.5 | 0.66 | ug/Kg | ✱ | 08/27/23 12:47 | 08/29/23 22:26 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|----|---------|----------------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/Kg | ✱ |    | N/A     | 08/27/23 12:47 | 08/29/23 22:26 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 95        |           | 50 - 131 | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 101       |           | 54 - 135 | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 50 - 141 | 08/27/23 12:47 | 08/29/23 22:26 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 52 - 141 | 08/27/23 12:47 | 08/29/23 22:26 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | 23     | J         | 46 | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 54 | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2,4,5-Trichlorophenol        | 36     | J         | 46 | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2,4,6-Trichlorophenol        | 25     | J         | 46 | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2,4-Dichlorophenol           | ND     | F1        | 54 | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-1 (1-1.5)

Lab Sample ID: 410-140330-5

Date Collected: 08/24/23 10:40

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 79.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 2,4-Dimethylphenol          | ND     | F1        | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2,4-Dinitrophenol           | ND     | *- cn     | 1200 | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2,4-Dinitrotoluene          | ND     |           | 210  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2,6-Dinitrotoluene          | ND     |           | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2-Chloronaphthalene         | 24     | J         | 42   | 17  | ug/Kg | ✱ | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| 2-Chlorophenol              | ND     | F1        | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2-Methylnaphthalene         | 15     | J         | 21   | 6.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2-Methylphenol              | ND     | F1        | 62   | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2-Nitroaniline              | ND     |           | 62   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2-Nitrophenol               | ND     |           | 62   | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 3,3'-Dichlorobenzidine      | ND     | F2 F1     | 210  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 3-Nitroaniline              | ND     | F2 F1     | 210  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     | *- cn     | 620  | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 4-Bromophenyl phenyl ether  | 62     |           | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 62   | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 4-Chloroaniline             | ND     | F2 F1     | 210  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 4-Chlorophenyl phenyl ether | 41     | J         | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 4-Methylphenol              | ND     | F1        | 62   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 4-Nitroaniline              | ND     | F1 F2     | 210  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 4-Nitrophenol               | ND     |           | 620  | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Acenaphthene                | 31     |           | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Acenaphthylene              | 17     | J         | 21   | 5.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Acetophenone                | ND     |           | 62   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Anthracene                  | 58     | F1        | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Atrazine                    | ND     |           | 210  | 83  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Benzaldehyde                | ND     |           | 210  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Benzo[a]anthracene          | 91     | F1        | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Benzo[a]pyrene              | 27     | F1        | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Benzo[b]fluoranthene        | 53     | F1        | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Benzo[g,h,i]perylene        | 20     | J         | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Benzo[k]fluoranthene        | 41     | F1        | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Butyl benzyl phthalate      | ND     |           | 210  | 83  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Caprolactam                 | ND     | cn        | 210  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Carbazole                   | 31     | J F1      | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Chrysene                    | 100    |           | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Di-n-butyl phthalate        | ND     |           | 210  | 83  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Di-n-octyl phthalate        | ND     |           | 210  | 83  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Dibenz(a,h)anthracene       | 20     | J F1      | 21   | 8.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Dibenzofuran                | 60     |           | 46   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Diethyl phthalate           | ND     |           | 210  | 83  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Dimethyl phthalate          | ND     |           | 210  | 83  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Fluoranthene                | 140    | F1        | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Fluorene                    | 44     |           | 21   | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Hexachlorobenzene           | 67     | F1        | 21   | 8.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Hexachlorobutadiene         | ND     |           | 62   | 25  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Hexachlorocyclopentadiene   | ND     | F1        | 620  | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Hexachloroethane            | ND     | F1        | 210  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Indeno[1,2,3-cd]pyrene      | 24     |           | 21   | 5.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Isophorone                  | ND     |           | 83   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-1 (1-1.5)

Lab Sample ID: 410-140330-5

Date Collected: 08/24/23 10:40

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 79.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result     | Qualifier   | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-------------|-----|-----|-------|---|----------------|----------------|---------|
| N-Nitrosodi-n-propylamine   | ND         |             | 83  | 42  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| N-Nitrosodiphenylamine      | ND         | F1          | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| <b>Naphthalene</b>          | <b>9.6</b> | <b>J F1</b> | 21  | 8.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Nitrobenzene                | ND         |             | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Pentachlorophenol           | ND         | cn          | 210 | 83  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| <b>Phenanthrene</b>         | <b>100</b> | <b>F1</b>   | 21  | 5.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Phenol                      | ND         |             | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| <b>Pyrene</b>               | <b>130</b> | <b>F1</b>   | 21  | 4.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Bis(2-chloroethoxy)methane  | ND         |             | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Bis(2-chloroethyl)ether     | ND         |             | 46  | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Bis(2-ethylhexyl) phthalate | ND         |             | 210 | 83  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 02:05 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.    | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|------------|----------------|----------------|---------|
| Unknown                            | 380         | T J       | ug/Kg | ✱ | 1.38  | N/A        | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Unknown                            | 2400        | T J B     | ug/Kg | ✱ | 2.04  | N/A        | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Unknown                            | 280         | T J       | ug/Kg | ✱ | 3.03  | N/A        | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| 3-Penten-2-one, 4-methyl-          | 180         | T J N     | ug/Kg | ✱ | 3.18  | 141-79-7   | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Benzaldehyde, 3-hydroxy-4-methoxy- | 250         | T J N     | ug/Kg | ✱ | 6.63  | 621-59-0   | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Unknown                            | 280         | T J       | ug/Kg | ✱ | 8.60  | N/A        | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Anthracene, 9-methyl-              | 180         | T J N     | ug/Kg | ✱ | 9.08  | 779-02-2   | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Hexadecenoic acid, Z-11-           | 780         | T J N     | ug/Kg | ✱ | 9.15  | 2416-20-8  | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Hexadecenoic acid, Z-11-           | 320         | T J N     | ug/Kg | ✱ | 10.31 | 2416-20-8  | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| n-Hexadecanoic acid                | 650         | T J N     | ug/Kg | ✱ | 10.35 | 57-10-3    | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Phosphonic acid, dioctadecyl ester | 440         | T J N     | ug/Kg | ✱ | 11.06 | 19047-85-9 | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 1-Docosene                         | 180         | T J N     | ug/Kg | ✱ | 11.39 | 1599-67-3  | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Ethanol, 2-(tetradecyloxy)-        | 910         | T J N     | ug/Kg | ✱ | 11.69 | 2136-70-1  | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 1-Heptadecene                      | 260         | T J N     | ug/Kg | ✱ | 12.28 | 6765-39-5  | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Unknown                            | 490         | T J       | ug/Kg | ✱ | 12.86 | N/A        | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Ethanol, 2-(tetradecyloxy)-        | 820         | T J N     | ug/Kg | ✱ | 12.95 | 2136-70-1  | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Unknown                            | 180         | T J       | ug/Kg | ✱ | 13.02 | N/A        | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Unknown                            | 250         | T J       | ug/Kg | ✱ | 13.17 | N/A        | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Campesterol                        | 240         | T J N     | ug/Kg | ✱ | 13.23 | 474-62-4   | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Eicosane, 10-methyl-               | 200         | T J N     | ug/Kg | ✱ | 13.28 | 54833-23-7 | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| .gamma.-Sitosterol                 | 700         | T J N     | ug/Kg | ✱ | 13.49 | 83-47-6    | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Unknown                            | 270         | T J       | ug/Kg | ✱ | 13.60 | N/A        | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Eicosane, 9-cyclohexyl-            | 1300        | T J N     | ug/Kg | ✱ | 13.61 | 4443-61-2  | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Unknown                            | 210         | T J       | ug/Kg | ✱ | 13.86 | N/A        | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Eicosane, 10-methyl-               | 310         | T J N     | ug/Kg | ✱ | 14.24 | 54833-23-7 | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| 1-Octadecene                       | 380         | T J N     | ug/Kg | ✱ | 14.27 | 112-88-9   | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Campesterol                        | 210         | T J N     | ug/Kg | ✱ | 14.85 | 474-62-4   | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| .gamma.-Sitosterol                 | 520         | T J N     | ug/Kg | ✱ | 15.22 | 83-47-6    | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Unknown                            | 300         | T J       | ug/Kg | ✱ | 15.30 | N/A        | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Unknown                            | 220         | T J       | ug/Kg | ✱ | 15.57 | N/A        | 08/30/23 07:58 | 09/01/23 05:44 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 70        |           | 10 - 138 | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2,4,6-Tribromophenol (Surr) | 63        |           | 10 - 138 | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| 2-Fluorobiphenyl (Surr)     | 66        |           | 37 - 120 | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| 2-Fluorobiphenyl (Surr)     | 62        |           | 37 - 120 | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| 2-Fluorophenol (Surr)       | 57        |           | 22 - 120 | 08/30/23 07:58 | 08/31/23 02:05 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-1 (1-1.5)

Lab Sample ID: 410-140330-5

Date Collected: 08/24/23 10:40

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 79.2

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorophenol (Surr)  | 57        |           | 22 - 120 | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Nitrobenzene-d5 (Surr) | 69        |           | 26 - 120 | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Nitrobenzene-d5 (Surr) | 60        |           | 26 - 120 | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| p-Terphenyl-d14 (Surr) | 79        |           | 40 - 133 | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| p-Terphenyl-d14 (Surr) | 75        |           | 40 - 133 | 08/30/23 07:58 | 09/01/23 05:44 | 1       |
| Phenol-d5 (Surr)       | 60        |           | 27 - 120 | 08/30/23 07:58 | 08/31/23 02:05 | 1       |
| Phenol-d5 (Surr)       | 58        |           | 27 - 120 | 08/30/23 07:58 | 09/01/23 05:44 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Lithium | 22     |           | 22 | 9.0 | mg/Kg | ✱ | 08/27/23 20:21 | 08/28/23 17:52 | 5       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 34000  | ^2        | 90    | 44    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:58 | 10      |
| Antimony  | ND     | F1        | 0.18  | 0.072 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Arsenic   | 3.7    |           | 0.36  | 0.12  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Barium    | 290    |           | 1.8   | 0.82  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:58 | 10      |
| Beryllium | 1.3    |           | 0.090 | 0.021 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Cadmium   | 0.36   |           | 0.090 | 0.036 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Calcium   | 5700   |           | 36    | 18    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Chromium  | 40     | F1        | 0.36  | 0.17  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Cobalt    | 14     |           | 0.18  | 0.072 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Copper    | 21     |           | 0.36  | 0.16  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Iron      | 32000  | ^2        | 90    | 41    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:58 | 10      |
| Lead      | 11     | F1        | 0.18  | 0.068 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Magnesium | 6800   |           | 9.0   | 4.4   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Manganese | 1400   | ^2 F2     | 1.8   | 0.90  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:58 | 10      |
| Nickel    | 39     |           | 0.36  | 0.17  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Potassium | 5800   |           | 36    | 14    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Selenium  | 0.18   | J         | 0.36  | 0.090 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Silver    | 0.096  |           | 0.090 | 0.036 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Sodium    | 190    |           | 45    | 21    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Thallium  | 0.34   |           | 0.090 | 0.035 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Zinc      | 62     |           | 27    | 3.6   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |
| Vanadium  | 57     | F1        | 0.72  | 0.18  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 16:56 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.044  | J         | 0.076 | 0.025 | mg/Kg | ✱ | 08/28/23 05:53 | 08/29/23 12:55 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 20.8   |           | 1.0 | 1.0 | %    |   |          | 08/25/23 12:49 | 1       |



# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-4 (0.33-1.33)

Lab Sample ID: 410-140330-6

Date Collected: 08/24/23 11:20

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 74.1

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result      | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|-------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND          |           | 5.7 | 0.68 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| 1,1,2-Trichloroethane    | ND          |           | 5.7 | 0.57 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| 1,1-Dichloroethene       | ND          |           | 5.7 | 0.57 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| 1,2,4-Trichlorobenzene   | ND          |           | 11  | 5.7  | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| 1,2-Dichlorobenzene      | ND          |           | 5.7 | 0.80 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| 1,2-Dichloroethane       | ND          |           | 5.7 | 0.68 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| 1,2-Dichloropropane      | ND          |           | 5.7 | 0.57 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| 1,4-Dichlorobenzene      | ND          |           | 5.7 | 0.80 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Benzene                  | ND          |           | 5.7 | 0.57 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Bromodichloromethane     | ND          |           | 5.7 | 0.80 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Bromoform                | ND          |           | 11  | 5.7  | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Carbon tetrachloride     | ND          |           | 5.7 | 0.80 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Chlorobenzene            | ND          |           | 5.7 | 0.80 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Chloroform               | ND          |           | 5.7 | 0.68 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| cis-1,2-Dichloroethene   | ND          |           | 5.7 | 0.57 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Dibromochloromethane     | ND          |           | 5.7 | 0.57 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Ethylbenzene             | ND          |           | 5.7 | 0.80 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| m&p-Xylene               | ND          |           | 5.7 | 2.3  | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Methylene Chloride       | ND          |           | 5.7 | 2.3  | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| o-Xylene                 | ND          |           | 5.7 | 0.80 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Styrene                  | ND          |           | 5.7 | 0.80 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Tetrachloroethene        | ND          |           | 5.7 | 0.80 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| <b>Toluene</b>           | <b>0.96</b> | <b>J</b>  | 5.7 | 0.68 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| trans-1,2-Dichloroethene | ND          |           | 5.7 | 0.57 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Trichloroethene          | ND          |           | 5.7 | 0.57 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Vinyl chloride           | ND          |           | 5.7 | 0.68 | ug/Kg | ☼ | 08/27/23 12:47 | 08/29/23 23:34 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Unknown                         | 14          | T J B     | ug/Kg | ☼ | 10.06 | N/A     | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Hexanal                         | 25          | T J N     | ug/Kg | ☼ | 10.45 | 66-25-1 | 08/27/23 12:47 | 08/29/23 23:34 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 94        |           | 50 - 131 | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 100       |           | 54 - 135 | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 50 - 141 | 08/27/23 12:47 | 08/29/23 23:34 | 1       |
| Toluene-d8 (Surr)            | 97        |           | 52 - 141 | 08/27/23 12:47 | 08/29/23 23:34 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 58   | 27  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 58   | 27  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2,4-Dinitrophenol            | ND     | *- cn     | 1300 | 220 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 220  | 45  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2-Chloronaphthalene          | ND     | cn        | 45   | 18  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2-Chlorophenol               | ND     |           | 49   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-4 (0.33-1.33)

Lab Sample ID: 410-140330-6

Date Collected: 08/24/23 11:20

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 74.1

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 2-Methylnaphthalene         | ND     |           | 22  | 6.7 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2-Methylphenol              | ND     |           | 67  | 27  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2-Nitroaniline              | ND     |           | 67  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2-Nitrophenol               | ND     |           | 67  | 27  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 3-Nitroaniline              | ND     |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     | *- cn     | 670 | 220 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 67  | 27  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 4-Chloroaniline             | ND     |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 4-Methylphenol              | ND     |           | 67  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 4-Nitroaniline              | ND     |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 4-Nitrophenol               | ND     |           | 670 | 220 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Acenaphthene                | ND     |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Acenaphthylene              | ND     |           | 22  | 5.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Acetophenone                | ND     |           | 67  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Anthracene                  | ND     |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Atrazine                    | ND     |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Benzaldehyde                | ND     |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Benzo[a]anthracene          | ND     |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Benzo[a]pyrene              | ND     |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Benzo[b]fluoranthene        | 5.0    | J         | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Butyl benzyl phthalate      | ND     |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Caprolactam                 | ND     | cn        | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Carbazole                   | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Chrysene                    | ND     |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Di-n-butyl phthalate        | ND     |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Di-n-octyl phthalate        | ND     |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 22  | 9.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Dibenzofuran                | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Diethyl phthalate           | ND     |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Dimethyl phthalate          | ND     |           | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Fluoranthene                | 4.8    | J         | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Fluorene                    | ND     |           | 22  | 4.5 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Hexachlorobenzene           | ND     |           | 22  | 9.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Hexachlorobutadiene         | ND     |           | 67  | 27  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 670 | 220 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Hexachloroethane            | ND     |           | 220 | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 22  | 5.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Isophorone                  | ND     |           | 90  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 90  | 45  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Naphthalene                 | ND     |           | 22  | 9.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Nitrobenzene                | ND     |           | 49  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Pentachlorophenol           | ND     | cn        | 220 | 90  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Phenanthrene                | ND     |           | 22  | 5.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-4 (0.33-1.33)

Lab Sample ID: 410-140330-6

Date Collected: 08/24/23 11:20

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 74.1

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result     | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Phenol                      | ND         |           | 49  | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| <b>Pyrene</b>               | <b>5.8</b> | <b>J</b>  | 22  | 4.5 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Bis(2-chloroethoxy)methane  | ND         |           | 49  | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Bis(2-chloroethyl)ether     | ND         |           | 49  | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Bis(2-ethylhexyl) phthalate | ND         |           | 220 | 90  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:09 | 1       |

| Tentatively Identified Compound    | Est. Result | Qualifier | Unit  | D | RT    | CAS No.      | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|-------------|-----------|-------|---|-------|--------------|----------------|----------------|---------|
| Unknown                            | 4000        | T J B     | ug/Kg | ☼ | 2.05  | N/A          | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Unknown                            | 580         | T J       | ug/Kg | ☼ | 2.42  | N/A          | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Unknown                            | 770         | T J       | ug/Kg | ☼ | 4.95  | N/A          | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Unknown                            | 440         | T J       | ug/Kg | ☼ | 5.63  | N/A          | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Z-7-Hexadecenoic acid              | 550         | T J N     | ug/Kg | ☼ | 9.15  | 1000130-90-8 | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Tetradecanoic acid                 | 1400        | T J N     | ug/Kg | ☼ | 9.20  | 544-63-8     | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Octadec-9-enoic acid               | 2000        | T J N     | ug/Kg | ☼ | 9.87  | 1000190-13-7 | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Octadecanoic acid                  | 800         | T J N     | ug/Kg | ☼ | 9.95  | 57-11-4      | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Phosphonic acid, dioctadecyl ester | 1700        | T J N     | ug/Kg | ☼ | 11.69 | 19047-85-9   | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Heptadecanoic acid                 | 390         | T J N     | ug/Kg | ☼ | 11.91 | 506-12-7     | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Docosane, 11-butyl-                | 550         | T J N     | ug/Kg | ☼ | 12.86 | 13475-76-8   | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Ergost-5-en-3-ol, (3.beta.)-       | 410         | T J N     | ug/Kg | ☼ | 13.23 | 4651-51-8    | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| .gamma.-Sitosterol                 | 1300        | T J N     | ug/Kg | ☼ | 13.49 | 83-47-6      | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Unknown                            | 350         | T J       | ug/Kg | ☼ | 13.61 | N/A          | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Unknown                            | 370         | T J       | ug/Kg | ☼ | 13.87 | N/A          | 08/30/23 07:58 | 08/31/23 03:09 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 71        |           | 10 - 138 | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2-Fluorobiphenyl (Surr)     | 69        |           | 37 - 120 | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| 2-Fluorophenol (Surr)       | 56        |           | 22 - 120 | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Nitrobenzene-d5 (Surr)      | 70        |           | 26 - 120 | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| p-Terphenyl-d14 (Surr)      | 79        |           | 40 - 133 | 08/30/23 07:58 | 08/31/23 03:09 | 1       |
| Phenol-d5 (Surr)            | 61        |           | 27 - 120 | 08/30/23 07:58 | 08/31/23 03:09 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte        | Result    | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----|-----|-------|---|----------------|----------------|---------|
| <b>Lithium</b> | <b>36</b> |           | 28 | 11  | mg/Kg | ☼ | 08/27/23 20:21 | 08/28/23 18:23 | 5       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte          | Result       | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------|--------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| <b>Aluminum</b>  | <b>53000</b> |           | 110  | 55    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:41 | 10      |
| <b>Antimony</b>  | <b>0.093</b> | <b>J</b>  | 0.22 | 0.089 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| <b>Arsenic</b>   | <b>4.6</b>   |           | 0.45 | 0.15  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| <b>Barium</b>    | <b>360</b>   |           | 2.2  | 1.0   | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:41 | 10      |
| <b>Beryllium</b> | <b>1.8</b>   |           | 0.11 | 0.027 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| <b>Cadmium</b>   | <b>0.095</b> | <b>J</b>  | 0.11 | 0.045 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| <b>Calcium</b>   | <b>4300</b>  |           | 45   | 22    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| <b>Chromium</b>  | <b>65</b>    |           | 0.45 | 0.21  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| <b>Cobalt</b>    | <b>20</b>    |           | 0.22 | 0.089 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| <b>Copper</b>    | <b>38</b>    |           | 0.45 | 0.20  | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| <b>Iron</b>      | <b>51000</b> |           | 110  | 51    | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:41 | 10      |
| <b>Lead</b>      | <b>17</b>    |           | 0.22 | 0.085 | mg/Kg | ☼ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-4 (0.33-1.33)

Lab Sample ID: 410-140330-6

Date Collected: 08/24/23 11:20

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 74.1

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Magnesium | 13000  |           | 11   | 5.5   | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| Manganese | 600    |           | 0.45 | 0.22  | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| Nickel    | 43     |           | 0.45 | 0.21  | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| Potassium | 9200   |           | 45   | 18    | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| Selenium  | 0.24   | J         | 0.45 | 0.11  | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| Silver    | ND     |           | 0.11 | 0.045 | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| Sodium    | 250    |           | 56   | 27    | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| Thallium  | 0.47   |           | 0.11 | 0.044 | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| Zinc      | 120    |           | 33   | 4.5   | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |
| Vanadium  | 91     |           | 0.89 | 0.22  | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:39 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.042  | J         | 0.077 | 0.026 | mg/Kg | ☆ | 08/28/23 05:53 | 08/29/23 13:27 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 25.9   |           | 1.0 | 1.0 | %    |   |          | 08/25/23 12:49 | 1       |

Client Sample ID: TP-4 (5.5-6.5)

Lab Sample ID: 410-140330-7

Date Collected: 08/24/23 11:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 6.2 | 0.74 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 6.2 | 0.62 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| 1,1-Dichloroethene       | ND     |           | 6.2 | 0.62 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 12  | 6.2  | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 6.2 | 0.86 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| 1,2-Dichloroethane       | ND     |           | 6.2 | 0.74 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| 1,2-Dichloropropane      | ND     |           | 6.2 | 0.62 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 6.2 | 0.86 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Benzene                  | ND     |           | 6.2 | 0.62 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Bromodichloromethane     | ND     |           | 6.2 | 0.86 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Bromoform                | ND     |           | 12  | 6.2  | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Carbon tetrachloride     | ND     |           | 6.2 | 0.86 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Chlorobenzene            | ND     |           | 6.2 | 0.86 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Chloroform               | ND     |           | 6.2 | 0.74 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 6.2 | 0.62 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Dibromochloromethane     | ND     |           | 6.2 | 0.62 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Ethylbenzene             | ND     |           | 6.2 | 0.86 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| m&p-Xylene               | ND     |           | 6.2 | 2.5  | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Methylene Chloride       | ND     |           | 6.2 | 2.5  | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| o-Xylene                 | ND     |           | 6.2 | 0.86 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Styrene                  | ND     |           | 6.2 | 0.86 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Tetrachloroethene        | ND     |           | 6.2 | 0.86 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Toluene                  | 0.81   | J         | 6.2 | 0.74 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 6.2 | 0.62 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Trichloroethene          | ND     |           | 6.2 | 0.62 | ug/Kg | ☆ | 08/27/23 12:47 | 08/29/23 23:56 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-4 (5.5-6.5)

Lab Sample ID: 410-140330-7

Date Collected: 08/24/23 11:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                         | Result      | Qualifier | RL       | MDL  | Unit  | D        | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|----------|------|-------|----------|----------------|----------------|---------|
| Vinyl chloride                  | ND          |           | 6.2      | 0.74 | ug/Kg | ✱        | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D    | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
| Unknown                         | 59          | T J       | ug/Kg    | ✱    | 2.09  | N/A      | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Cyclotrisiloxane, hexamethyl-   | 12          | T J N B   | ug/Kg    | ✱    | 10.06 | 541-05-9 | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Surrogate                       | %Recovery   | Qualifier | Limits   |      |       |          | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)     | 95          |           | 50 - 131 |      |       |          | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| 1,2-Dichloroethane-d4 (Surr)    | 102         |           | 54 - 135 |      |       |          | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Dibromofluoromethane (Surr)     | 96          |           | 50 - 141 |      |       |          | 08/27/23 12:47 | 08/29/23 23:56 | 1       |
| Toluene-d8 (Surr)               | 96          |           | 52 - 141 |      |       |          | 08/27/23 12:47 | 08/29/23 23:56 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 56   | 26  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 56   | 26  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2,4-Dinitrophenol            | ND     | *- cn     | 1300 | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2-Chloronaphthalene          | ND     | cn        | 43   | 17  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2-Chlorophenol               | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2-Methylnaphthalene          | ND     |           | 21   | 6.4 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2-Methylphenol               | ND     |           | 64   | 26  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2-Nitroaniline               | ND     |           | 64   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2-Nitrophenol                | ND     |           | 64   | 26  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 3-Nitroaniline               | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     | *- cn     | 640  | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 64   | 26  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 4-Chloroaniline              | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 47   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 4-Methylphenol               | ND     |           | 64   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 4-Nitroaniline               | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 4-Nitrophenol                | ND     |           | 640  | 210 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Acenaphthene                 | ND     |           | 21   | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Acenaphthylene               | ND     |           | 21   | 5.1 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Acetophenone                 | ND     |           | 64   | 21  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Anthracene                   | ND     |           | 21   | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Atrazine                     | ND     |           | 210  | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Benzaldehyde                 | ND     |           | 210  | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Benzo[a]anthracene           | ND     |           | 21   | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Benzo[a]pyrene               | ND     |           | 21   | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Benzo[b]fluoranthene         | ND     |           | 21   | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Benzo[g,h,i]perylene         | ND     |           | 21   | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Benzo[k]fluoranthene         | ND     |           | 21   | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-4 (5.5-6.5)

Lab Sample ID: 410-140330-7

Date Collected: 08/24/23 11:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Butyl benzyl phthalate      | ND     |           | 210 | 86  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Caprolactam                 | ND     | cn        | 210 | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Carbazole                   | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Chrysene                    | ND     |           | 21  | 4.3 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Di-n-butyl phthalate        | ND     |           | 210 | 86  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Di-n-octyl phthalate        | ND     |           | 210 | 86  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 21  | 8.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Dibenzofuran                | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Diethyl phthalate           | ND     |           | 210 | 86  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Dimethyl phthalate          | ND     |           | 210 | 86  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Fluoranthene                | ND     |           | 21  | 4.3 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Fluorene                    | ND     |           | 21  | 4.3 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Hexachlorobenzene           | ND     |           | 21  | 8.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Hexachlorobutadiene         | ND     |           | 64  | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 640 | 210 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Hexachloroethane            | ND     |           | 210 | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 21  | 5.1 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Isophorone                  | ND     |           | 86  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 86  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Naphthalene                 | ND     |           | 21  | 8.6 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Nitrobenzene                | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Pentachlorophenol           | ND     | cn        | 210 | 86  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Phenanthrene                | ND     |           | 21  | 5.1 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Phenol                      | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Pyrene                      | ND     |           | 21  | 4.3 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 47  | 21  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 210 | 86  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:30 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|---------|----------------|----------------|---------|
| Unknown                         | 2800        | T J       | ug/Kg | ☼ | 1.39  | N/A     | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Unknown                         | 20000       | T J B     | ug/Kg | ☼ | 2.10  | N/A     | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Unknown                         | 1100        | T J       | ug/Kg | ☼ | 8.65  | N/A     | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| n-Hexadecanoic acid             | 200         | T J N     | ug/Kg | ☼ | 9.19  | 57-10-3 | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Unknown                         | 330         | T J       | ug/Kg | ☼ | 11.07 | N/A     | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Unknown                         | 170         | T J       | ug/Kg | ☼ | 11.70 | N/A     | 08/30/23 07:58 | 08/31/23 03:30 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 40        |           | 10 - 138 | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2-Fluorobiphenyl (Surr)     | 67        |           | 37 - 120 | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| 2-Fluorophenol (Surr)       | 61        |           | 22 - 120 | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Nitrobenzene-d5 (Surr)      | 75        |           | 26 - 120 | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| p-Terphenyl-d14 (Surr)      | 80        |           | 40 - 133 | 08/30/23 07:58 | 08/31/23 03:30 | 1       |
| Phenol-d5 (Surr)            | 64        |           | 27 - 120 | 08/30/23 07:58 | 08/31/23 03:30 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 26     |           | 6.0 | 2.4 | mg/Kg | ☼ | 08/27/23 20:21 | 08/28/23 09:28 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-4 (5.5-6.5)

Lab Sample ID: 410-140330-7

Date Collected: 08/24/23 11:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 27000  |           | 120  | 60    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:49 | 10      |
| Antimony  | ND     |           | 0.24 | 0.097 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Arsenic   | 3.6    |           | 0.48 | 0.16  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Barium    | 250    |           | 2.4  | 1.1   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:49 | 10      |
| Beryllium | 1.3    |           | 0.12 | 0.029 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Cadmium   | 0.11   | J         | 0.12 | 0.048 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Calcium   | 47000  |           | 240  | 120   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:49 | 10      |
| Chromium  | 43     |           | 0.48 | 0.23  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Cobalt    | 14     |           | 0.24 | 0.097 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Copper    | 27     |           | 0.48 | 0.22  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Iron      | 36000  |           | 120  | 56    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:49 | 10      |
| Lead      | 10     |           | 0.24 | 0.092 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Magnesium | 20000  |           | 12   | 5.9   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Manganese | 630    |           | 0.48 | 0.24  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Nickel    | 31     |           | 0.48 | 0.23  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Potassium | 7700   |           | 48   | 19    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Selenium  | ND     |           | 0.48 | 0.12  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Silver    | ND     |           | 0.12 | 0.049 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Sodium    | 940    |           | 60   | 29    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Thallium  | 0.30   |           | 0.12 | 0.047 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Zinc      | 77     |           | 36   | 4.8   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |
| Vanadium  | 64     |           | 0.97 | 0.24  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:47 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.072 | 0.024 | mg/Kg | ✱ | 08/28/23 05:53 | 08/29/23 13:33 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 22.7   |           | 1.0 | 1.0 | %    |   |          | 08/25/23 12:49 | 1       |

Client Sample ID: TP-5 (1.17-2.17)

Lab Sample ID: 410-140330-8

Date Collected: 08/24/23 12:15

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane  | ND     |           | 4.9 | 0.59 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| 1,1,2-Trichloroethane  | ND     |           | 4.9 | 0.49 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| 1,1-Dichloroethene     | ND     |           | 4.9 | 0.49 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| 1,2,4-Trichlorobenzene | ND     |           | 9.9 | 4.9  | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| 1,2-Dichlorobenzene    | ND     |           | 4.9 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| 1,2-Dichloroethane     | ND     |           | 4.9 | 0.59 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| 1,2-Dichloropropane    | ND     |           | 4.9 | 0.49 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| 1,4-Dichlorobenzene    | ND     |           | 4.9 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Benzene                | ND     |           | 4.9 | 0.49 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Bromodichloromethane   | ND     |           | 4.9 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Bromoform              | ND     |           | 9.9 | 4.9  | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Carbon tetrachloride   | ND     |           | 4.9 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Chlorobenzene          | ND     |           | 4.9 | 0.69 | ug/Kg | ✱ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-5 (1.17-2.17)

Lab Sample ID: 410-140330-8

Date Collected: 08/24/23 12:15

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Chloroform               | ND     |           | 4.9 | 0.59 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 4.9 | 0.49 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Dibromochloromethane     | ND     |           | 4.9 | 0.49 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Ethylbenzene             | ND     |           | 4.9 | 0.69 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| m&p-Xylene               | ND     |           | 4.9 | 2.0  | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Methylene Chloride       | ND     |           | 4.9 | 2.0  | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| o-Xylene                 | ND     |           | 4.9 | 0.69 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Styrene                  | ND     |           | 4.9 | 0.69 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Tetrachloroethene        | ND     |           | 4.9 | 0.69 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Toluene                  | ND     |           | 4.9 | 0.59 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 4.9 | 0.49 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Trichloroethene          | ND     |           | 4.9 | 0.49 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Vinyl chloride           | ND     |           | 4.9 | 0.59 | ug/Kg | ☼ | 08/27/23 12:47 | 08/30/23 00:19 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Unknown                         | 9.6         | T J       | ug/Kg | ☼ | 2.12  | N/A      | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Cyclotrisiloxane, hexamethyl-   | 10          | T J N B   | ug/Kg | ☼ | 10.06 | 541-05-9 | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Hexanal                         | 17          | T J N     | ug/Kg | ☼ | 10.45 | 66-25-1  | 08/27/23 12:47 | 08/30/23 00:19 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 96        |           | 50 - 131 | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 54 - 135 | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 50 - 141 | 08/27/23 12:47 | 08/30/23 00:19 | 1       |
| Toluene-d8 (Surr)            | 97        |           | 52 - 141 | 08/27/23 12:47 | 08/30/23 00:19 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 56   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 56   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2,4-Dimethylphenol           | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2,4-Dinitrophenol            | ND     | *- cn     | 1300 | 220 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2,4-Dinitrotoluene           | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2,6-Dinitrotoluene           | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2-Chloronaphthalene          | ND     | cn        | 43   | 17  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2-Chlorophenol               | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2-Methylnaphthalene          | ND     |           | 22   | 6.4 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2-Methylphenol               | ND     |           | 65   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2-Nitroaniline               | ND     |           | 65   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2-Nitrophenol                | ND     |           | 65   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 3,3'-Dichlorobenzidine       | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 3-Nitroaniline               | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND     | *- cn     | 650  | 220 | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 4-Bromophenyl phenyl ether   | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 4-Chloro-3-methylphenol      | ND     |           | 65   | 26  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 4-Chloroaniline              | ND     |           | 220  | 43  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 4-Chlorophenyl phenyl ether  | ND     |           | 47   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 4-Methylphenol               | ND     |           | 65   | 22  | ug/Kg | ☼ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-5 (1.17-2.17)

Lab Sample ID: 410-140330-8

Date Collected: 08/24/23 12:15

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 4-Nitroaniline              | ND     |           | 220 | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 4-Nitrophenol               | ND     |           | 650 | 220 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Acenaphthene                | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Acenaphthylene              | ND     |           | 22  | 5.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Acetophenone                | ND     |           | 65  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Anthracene                  | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Atrazine                    | ND     |           | 220 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Benzaldehyde                | ND     |           | 220 | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Benzo[a]anthracene          | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Benzo[a]pyrene              | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Butyl benzyl phthalate      | ND     |           | 220 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Caprolactam                 | ND     | cn        | 220 | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Carbazole                   | ND     |           | 47  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Chrysene                    | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Di-n-butyl phthalate        | ND     |           | 220 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Di-n-octyl phthalate        | ND     |           | 220 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 22  | 8.6 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Dibenzofuran                | ND     |           | 47  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Diethyl phthalate           | ND     |           | 220 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Dimethyl phthalate          | ND     |           | 220 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Fluoranthene                | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Fluorene                    | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Hexachlorobenzene           | ND     |           | 22  | 8.6 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Hexachlorobutadiene         | ND     |           | 65  | 26  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 650 | 220 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Hexachloroethane            | ND     |           | 220 | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 22  | 5.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Isophorone                  | ND     |           | 86  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| N-Nitrosodi-n-propylamine   | ND     |           | 86  | 43  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 47  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Naphthalene                 | ND     |           | 22  | 8.6 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Nitrobenzene                | ND     |           | 47  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Pentachlorophenol           | ND     | cn        | 220 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Phenanthrene                | ND     |           | 22  | 5.2 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Phenol                      | ND     |           | 47  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Pyrene                      | ND     |           | 22  | 4.3 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 47  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 47  | 22  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 220 | 86  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 03:52 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|------|---------|----------------|----------------|---------|
| Unknown                         | 3300        | T J B     | ug/Kg | ✱ | 2.04 | N/A     | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Unknown                         | 380         | T J       | ug/Kg | ✱ | 2.42 | N/A     | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Unknown                         | 510         | T J       | ug/Kg | ✱ | 3.70 | N/A     | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Unknown                         | 340         | T J       | ug/Kg | ✱ | 4.39 | N/A     | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Unknown                         | 630         | T J       | ug/Kg | ✱ | 4.94 | N/A     | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Unknown                         | 330         | T J       | ug/Kg | ✱ | 5.67 | N/A     | 08/30/23 07:58 | 08/31/23 03:52 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-5 (1.17-2.17)

Lab Sample ID: 410-140330-8

Date Collected: 08/24/23 12:15

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.   | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|-----------|----------------|----------------|---------|
| Unknown                         | 410         | T J       | ug/Kg | ⊛ | 6.32  | N/A       | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Hexadecenoic acid, Z-11-        | 1500        | T J N     | ug/Kg | ⊛ | 9.16  | 2416-20-8 | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| n-Hexadecanoic acid             | 2100        | T J N     | ug/Kg | ⊛ | 9.20  | 57-10-3   | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Unknown                         | 490         | T J       | ug/Kg | ⊛ | 9.42  | N/A       | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Unknown                         | 500         | T J       | ug/Kg | ⊛ | 9.59  | N/A       | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 9-Octadecenoic acid, (E)-       | 1700        | T J N     | ug/Kg | ⊛ | 9.87  | 112-79-8  | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Octadecanoic acid               | 670         | T J N     | ug/Kg | ⊛ | 9.95  | 57-11-4   | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Unknown                         | 390         | T J       | ug/Kg | ⊛ | 11.70 | N/A       | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Unknown                         | 620         | T J       | ug/Kg | ⊛ | 13.47 | N/A       | 08/30/23 07:58 | 08/31/23 03:52 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 80        |           | 10 - 138 | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2-Fluorobiphenyl (Surr)     | 75        |           | 37 - 120 | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| 2-Fluorophenol (Surr)       | 61        |           | 22 - 120 | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Nitrobenzene-d5 (Surr)      | 78        |           | 26 - 120 | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| p-Terphenyl-d14 (Surr)      | 87        |           | 40 - 133 | 08/30/23 07:58 | 08/31/23 03:52 | 1       |
| Phenol-d5 (Surr)            | 67        |           | 27 - 120 | 08/30/23 07:58 | 08/31/23 03:52 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Lithium | 15     |           | 6.0 | 2.4 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/28/23 09:44 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 48000  |           | 120  | 60    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:03 | 10      |
| Antimony  | ND     |           | 0.24 | 0.097 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Arsenic   | 4.0    |           | 0.48 | 0.16  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Barium    | 310    |           | 2.4  | 1.1   | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:03 | 10      |
| Beryllium | 1.5    |           | 0.12 | 0.029 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Cadmium   | 0.048  | J         | 0.12 | 0.048 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Calcium   | 5000   |           | 48   | 24    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Chromium  | 64     |           | 0.48 | 0.23  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Cobalt    | 16     |           | 0.24 | 0.097 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Copper    | 27     |           | 0.48 | 0.22  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Iron      | 46000  |           | 120  | 56    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:03 | 10      |
| Lead      | 16     |           | 0.24 | 0.092 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Magnesium | 13000  |           | 12   | 5.9   | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Manganese | 490    |           | 0.48 | 0.24  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Nickel    | 36     |           | 0.48 | 0.23  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Potassium | 7600   |           | 48   | 19    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Selenium  | 0.33   | J         | 0.48 | 0.12  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Silver    | 0.072  | J         | 0.12 | 0.049 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Sodium    | 220    |           | 60   | 29    | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Thallium  | 0.46   |           | 0.12 | 0.047 | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Zinc      | 100    |           | 36   | 4.8   | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |
| Vanadium  | 90     |           | 0.97 | 0.24  | mg/Kg | ⊛ | 08/27/23 20:21 | 08/31/23 18:01 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | 0.027  | J         | 0.073 | 0.024 | mg/Kg | ⊛ | 08/28/23 05:53 | 08/29/23 13:31 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-5 (1.17-2.17)

Lab Sample ID: 410-140330-8

Date Collected: 08/24/23 12:15

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 22.7   |           | 1.0 | 1.0 | %    |   |          | 08/25/23 12:49 | 1       |

Client Sample ID: TP-5 (7.5-8.5)

Lab Sample ID: 410-140330-9

Date Collected: 08/24/23 12:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 82.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result        | Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|---------------|-----------|-----|------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | ND            |           | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| 1,1,2-Trichloroethane    | ND            |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| 1,1-Dichloroethene       | ND            |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| 1,2,4-Trichlorobenzene   | ND            |           | 10  | 5.1  | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| 1,2-Dichlorobenzene      | ND            |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| 1,2-Dichloroethane       | ND            |           | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| 1,2-Dichloropropane      | ND            |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| 1,4-Dichlorobenzene      | ND            |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Benzene                  | ND            |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Bromodichloromethane     | ND            |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Bromoform                | ND            |           | 10  | 5.1  | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Carbon tetrachloride     | ND            |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Chlorobenzene            | ND            |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Chloroform               | ND            |           | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| cis-1,2-Dichloroethene   | ND            |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Dibromochloromethane     | ND            |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Ethylbenzene             | ND            |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| m&p-Xylene               | ND            |           | 5.1 | 2.1  | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Methylene Chloride       | ND            |           | 5.1 | 2.1  | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| o-Xylene                 | ND            |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Styrene                  | ND            |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Tetrachloroethene        | ND            |           | 5.1 | 0.72 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| <b>Toluene</b>           | <b>0.64 J</b> |           | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| trans-1,2-Dichloroethene | ND            |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Trichloroethene          | ND            |           | 5.1 | 0.51 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Vinyl chloride           | ND            |           | 5.1 | 0.62 | ug/Kg | ✱ | 08/27/23 12:47 | 08/31/23 17:38 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|------|---------|----------------|----------------|---------|
| Unknown                         | 5.4         | T J       | ug/Kg | ✱ | 4.12 | N/A     | 08/27/23 12:47 | 08/31/23 17:38 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 98        |           | 50 - 131 | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 54 - 135 | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 50 - 141 | 08/27/23 12:47 | 08/31/23 17:38 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 52 - 141 | 08/27/23 12:47 | 08/31/23 17:38 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND     |           | 45 | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND     |           | 53 | 24  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2,4,5-Trichlorophenol        | ND     |           | 45 | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2,4,6-Trichlorophenol        | ND     |           | 45 | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2,4-Dichlorophenol           | ND     |           | 53 | 24  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-5 (7.5-8.5)

Lab Sample ID: 410-140330-9

Date Collected: 08/24/23 12:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 82.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
| 2,4-Dimethylphenol          | ND     |           | 45   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2,4-Dinitrophenol           | ND     | *- cn     | 1200 | 200 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2,4-Dinitrotoluene          | ND     |           | 200  | 40  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2,6-Dinitrotoluene          | ND     |           | 45   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2-Chloronaphthalene         | ND     | cn        | 40   | 16  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2-Chlorophenol              | ND     |           | 45   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2-Methylnaphthalene         | ND     |           | 20   | 6.1 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2-Methylphenol              | ND     |           | 61   | 24  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2-Nitroaniline              | ND     |           | 61   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2-Nitrophenol               | ND     |           | 61   | 24  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 3,3'-Dichlorobenzidine      | ND     |           | 200  | 40  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 3-Nitroaniline              | ND     |           | 200  | 40  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 4,6-Dinitro-2-methylphenol  | ND     | *- cn     | 610  | 200 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 4-Bromophenyl phenyl ether  | ND     |           | 45   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 4-Chloro-3-methylphenol     | ND     |           | 61   | 24  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 4-Chloroaniline             | ND     |           | 200  | 40  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 4-Chlorophenyl phenyl ether | ND     |           | 45   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 4-Methylphenol              | ND     |           | 61   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 4-Nitroaniline              | ND     |           | 200  | 40  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 4-Nitrophenol               | ND     |           | 610  | 200 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Acenaphthene                | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Acenaphthylene              | ND     |           | 20   | 4.9 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Acetophenone                | ND     |           | 61   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Anthracene                  | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Atrazine                    | ND     |           | 200  | 81  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Benzaldehyde                | ND     |           | 200  | 40  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Benzo[a]anthracene          | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Benzo[a]pyrene              | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Benzo[b]fluoranthene        | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Benzo[g,h,i]perylene        | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Benzo[k]fluoranthene        | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Butyl benzyl phthalate      | ND     |           | 200  | 81  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Caprolactam                 | ND     | cn        | 200  | 40  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Carbazole                   | ND     |           | 45   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Chrysene                    | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Di-n-butyl phthalate        | ND     |           | 200  | 81  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Di-n-octyl phthalate        | ND     |           | 200  | 81  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Dibenz(a,h)anthracene       | ND     |           | 20   | 8.1 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Dibenzofuran                | ND     |           | 45   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Diethyl phthalate           | ND     |           | 200  | 81  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Dimethyl phthalate          | ND     |           | 200  | 81  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Fluoranthene                | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Fluorene                    | ND     |           | 20   | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Hexachlorobenzene           | ND     |           | 20   | 8.1 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Hexachlorobutadiene         | ND     |           | 61   | 24  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Hexachlorocyclopentadiene   | ND     |           | 610  | 200 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Hexachloroethane            | ND     |           | 200  | 40  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND     |           | 20   | 4.9 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Isophorone                  | ND     |           | 81   | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-5 (7.5-8.5)

Lab Sample ID: 410-140330-9

Date Collected: 08/24/23 12:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 82.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                     | Result | Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| N-Nitrosodi-n-propylamine   | ND     |           | 81  | 40  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| N-Nitrosodiphenylamine      | ND     |           | 45  | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Naphthalene                 | ND     |           | 20  | 8.1 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Nitrobenzene                | ND     |           | 45  | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Pentachlorophenol           | ND     | cn        | 200 | 81  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Phenanthrene                | ND     |           | 20  | 4.9 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Phenol                      | ND     |           | 45  | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Pyrene                      | ND     |           | 20  | 4.0 | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Bis(2-chloroethoxy)methane  | ND     |           | 45  | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Bis(2-chloroethyl)ether     | ND     |           | 45  | 20  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Bis(2-ethylhexyl) phthalate | ND     |           | 200 | 81  | ug/Kg | ✱ | 08/30/23 07:58 | 08/31/23 04:13 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT    | CAS No.  | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|-------|---|-------|----------|----------------|----------------|---------|
| Unknown                         | 4700        | T J B     | ug/Kg | ✱ | 2.05  | N/A      | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Unknown                         | 170         | T J       | ug/Kg | ✱ | 8.65  | N/A      | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Pentacosane                     | 440         | T J N     | ug/Kg | ✱ | 11.09 | 629-99-2 | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Unknown                         | 310         | T J       | ug/Kg | ✱ | 13.16 | N/A      | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Unknown                         | 190         | T J       | ug/Kg | ✱ | 13.77 | N/A      | 08/30/23 07:58 | 08/31/23 04:13 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 78        |           | 10 - 138 | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2-Fluorobiphenyl (Surr)     | 74        |           | 37 - 120 | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| 2-Fluorophenol (Surr)       | 63        |           | 22 - 120 | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Nitrobenzene-d5 (Surr)      | 77        |           | 26 - 120 | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| p-Terphenyl-d14 (Surr)      | 89        |           | 40 - 133 | 08/30/23 07:58 | 08/31/23 04:13 | 1       |
| Phenol-d5 (Surr)            | 66        |           | 27 - 120 | 08/30/23 07:58 | 08/31/23 04:13 | 1       |

## Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Lithium | ND     |           | 25 | 10  | mg/Kg | ✱ | 08/27/23 20:21 | 08/28/23 18:20 | 5       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | 8600   |           | 20   | 10    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Antimony  | ND     |           | 0.20 | 0.081 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Arsenic   | 1.7    |           | 0.40 | 0.13  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Barium    | 91     |           | 0.40 | 0.18  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Beryllium | 0.37   |           | 0.10 | 0.024 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Cadmium   | 0.11   |           | 0.10 | 0.040 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Calcium   | 170000 |           | 1000 | 490   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 18:49 | 50      |
| Chromium  | 15     |           | 0.40 | 0.19  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Cobalt    | 5.2    |           | 0.20 | 0.081 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Copper    | 9.7    |           | 0.40 | 0.18  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Iron      | 12000  |           | 20   | 9.3   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Lead      | 4.3    |           | 0.20 | 0.077 | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Magnesium | 18000  |           | 10   | 4.9   | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Manganese | 520    |           | 0.40 | 0.20  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Nickel    | 10     |           | 0.40 | 0.19  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Potassium | 2700   |           | 40   | 16    | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Selenium  | ND     |           | 0.40 | 0.10  | mg/Kg | ✱ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |

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# Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Client Sample ID: TP-5 (7.5-8.5)

Lab Sample ID: 410-140330-9

Date Collected: 08/24/23 12:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 82.0

## Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte  | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Silver   | ND     |           | 0.10 | 0.041 | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Sodium   | 390    |           | 50   | 24    | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Thallium | 0.11   |           | 0.10 | 0.040 | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Zinc     | 23 J   |           | 30   | 4.0   | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |
| Vanadium | 23     |           | 0.81 | 0.20  | mg/Kg | ☆ | 08/27/23 20:21 | 08/31/23 17:35 | 2       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | ND     |           | 0.069 | 0.023 | mg/Kg | ☆ | 08/28/23 05:53 | 08/29/23 13:25 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL  | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|-----|-----|------|---|----------|----------------|---------|
| Percent Moisture (EPA Moisture) | 18.0   |           | 1.0 | 1.0 | %    |   |          | 08/25/23 12:49 | 1       |

Client Sample ID: TB-20230824

Lab Sample ID: 410-140330-10

Date Collected: 08/24/23 00:00

Matrix: Water

Date Received: 08/25/23 10:04

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| 1,1-Dichloroethene       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.0 | 0.20 | ug/L |   |          | 08/30/23 22:27 | 1       |
| 1,2-Dichloroethane       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| 1,2-Dichloropropane      | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Benzene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Bromodichloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Bromoform                | ND     |           | 4.0 | 1.0  | ug/L |   |          | 08/30/23 22:27 | 1       |
| Carbon tetrachloride     | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Chlorobenzene            | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Chloroform               | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Dibromochloromethane     | ND     |           | 1.0 | 0.20 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Ethylbenzene             | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/30/23 22:27 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/L |   |          | 08/30/23 22:27 | 1       |
| Methylene Chloride       | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| o-Xylene                 | ND     |           | 1.0 | 0.40 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Tetrachloroethene        | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Toluene                  | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 2.0 | 0.70 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Trichloroethene          | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |
| Vinyl chloride           | ND     |           | 1.0 | 0.30 | ug/L |   |          | 08/30/23 22:27 | 1       |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|-------------|-----------|------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None        |           | ug/L |   |    | N/A     |          | 08/30/23 22:27 | 1       |

## Client Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

**Client Sample ID: TB-20230824**

**Lab Sample ID: 410-140330-10**

**Date Collected: 08/24/23 00:00**

**Matrix: Water**

**Date Received: 08/25/23 10:04**

| <i>Surrogate</i>             | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| 1,2-Dichloroethane-d4 (Surr) | 96               |                  | 80 - 120      |                 | 08/30/23 22:27  | 1              |
| 4-Bromofluorobenzene (Surr)  | 95               |                  | 80 - 120      |                 | 08/30/23 22:27  | 1              |
| Dibromofluoromethane (Surr)  | 100              |                  | 80 - 120      |                 | 08/30/23 22:27  | 1              |
| Toluene-d8 (Surr)            | 94               |                  | 80 - 120      |                 | 08/30/23 22:27  | 1              |

# Surrogate Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|-------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                   |                        | BFB<br>(50-131)                                | DCA<br>(54-135) | DBFM<br>(50-141) | TOL<br>(52-141) |
| 410-140330-1      | TP-3 (1-1.5)           | 92                                             | 107             | 107              | 96              |
| 410-140330-2      | TP-3 (4-4.25)          | 92                                             | 106             | 105              | 95              |
| 410-140330-3      | TP-2 (1-1.25)          | 92                                             | 108             | 105              | 96              |
| 410-140330-4      | TP-2 (5.5-6)           | 92                                             | 112             | 107              | 95              |
| 410-140330-5      | TP-1 (1-1.5)           | 95                                             | 101             | 96               | 98              |
| 410-140330-5 MS   | TP-1 (1-1.5)           | 98                                             | 100             | 97               | 100             |
| 410-140330-5 MSD  | TP-1 (1-1.5)           | 98                                             | 101             | 98               | 99              |
| 410-140330-6      | TP-4 (0.33-1.33)       | 94                                             | 100             | 97               | 97              |
| 410-140330-7      | TP-4 (5.5-6.5)         | 95                                             | 102             | 96               | 96              |
| 410-140330-8      | TP-5 (1.17-2.17)       | 96                                             | 102             | 96               | 97              |
| 410-140330-9      | TP-5 (7.5-8.5)         | 98                                             | 110             | 97               | 98              |
| LCS 410-413639/4  | Lab Control Sample     | 97                                             | 103             | 104              | 99              |
| LCS 410-413977/4  | Lab Control Sample     | 97                                             | 90              | 94               | 101             |
| LCS 410-414605/4  | Lab Control Sample     | 100                                            | 103             | 96               | 99              |
| LCSD 410-413639/5 | Lab Control Sample Dup | 95                                             | 104             | 104              | 96              |
| LCSD 410-413977/5 | Lab Control Sample Dup | 97                                             | 88              | 94               | 101             |
| LCSD 410-414605/5 | Lab Control Sample Dup | 100                                            | 102             | 97               | 99              |
| MB 410-413639/7   | Method Blank           | 93                                             | 106             | 107              | 97              |
| MB 410-413977/7   | Method Blank           | 96                                             | 89              | 94               | 99              |
| MB 410-414605/7   | Method Blank           | 99                                             | 99              | 95               | 99              |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)  
DCA = 1,2-Dichloroethane-d4 (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------|--------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                  |                    | DCA<br>(80-120)                                | BFB<br>(80-120) | DBFM<br>(80-120) | TOL<br>(80-120) |
| 410-140330-10    | TB-20230824        | 96                                             | 95              | 100              | 94              |
| LCS 410-414509/5 | Lab Control Sample | 96                                             | 97              | 100              | 94              |
| MB 410-414509/7  | Method Blank       | 96                                             | 95              | 102              | 94              |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                    |                 |
|---------------|------------------|------------------------------------------------|-----------------|-----------------|-----------------|--------------------|-----------------|
|               |                  | TBP<br>(10-138)                                | FBP<br>(37-120) | 2FP<br>(22-120) | NBZ<br>(26-120) | TPHd14<br>(40-133) | PHL<br>(27-120) |
| 410-140330-1  | TP-3 (1-1.5)     | 68                                             | 65              | 54              | 65              | 73                 | 57              |
| 410-140330-2  | TP-3 (4-4.25)    | 74                                             | 63              | 55              | 67              | 78                 | 58              |

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# Surrogate Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

**Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)**

**Matrix: Solid**

**Prep Type: Total/NA**

| Lab Sample ID      | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                    |                 |
|--------------------|--------------------|------------------------------------------------|-----------------|-----------------|-----------------|--------------------|-----------------|
|                    |                    | TBP<br>(10-138)                                | FBP<br>(37-120) | 2FP<br>(22-120) | NBZ<br>(26-120) | TPHd14<br>(40-133) | PHL<br>(27-120) |
| 410-140330-3       | TP-2 (1-1.25)      | 75                                             | 72              | 57              | 73              | 82                 | 62              |
| 410-140330-4       | TP-2 (5.5-6)       | 40                                             | 54              | 45              | 59              | 63                 | 50              |
| 410-140330-5       | TP-1 (1-1.5)       | 70                                             | 66              | 57              | 69              | 79                 | 60              |
| 410-140330-5       | TP-1 (1-1.5)       | 63                                             | 62              | 57              | 60              | 75                 | 58              |
| 410-140330-5 MS    | TP-1 (1-1.5)       | 55                                             | 60              | 50              | 64              | 69                 | 54              |
| 410-140330-5 MSD   | TP-1 (1-1.5)       | 60                                             | 63              | 56              | 69              | 74                 | 59              |
| 410-140330-6       | TP-4 (0.33-1.33)   | 71                                             | 69              | 56              | 70              | 79                 | 61              |
| 410-140330-7       | TP-4 (5.5-6.5)     | 40                                             | 67              | 61              | 75              | 80                 | 64              |
| 410-140330-8       | TP-5 (1.17-2.17)   | 80                                             | 75              | 61              | 78              | 87                 | 67              |
| 410-140330-9       | TP-5 (7.5-8.5)     | 78                                             | 74              | 63              | 77              | 89                 | 66              |
| LCS 410-414145/2-A | Lab Control Sample | 75                                             | 71              | 58              | 73              | 84                 | 62              |
| MB 410-414145/1-A  | Method Blank       | 84                                             | 76              | 69              | 81              | 92                 | 71              |

## Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl (Surr)

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

PHL = Phenol-d5 (Surr)

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 410-140330-5 MS

Matrix: Solid

Analysis Batch: 413977

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 412993

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane        | ND            |                  | 26.1        | 25.5      |              | ug/Kg | ✱ | 98   | 69 - 123    |
| 1,1,2-Trichloroethane        | ND            |                  | 26.1        | 24.4      |              | ug/Kg | ✱ | 94   | 80 - 120    |
| 1,1-Dichloroethene           | ND            |                  | 26.1        | 27.5      |              | ug/Kg | ✱ | 105  | 73 - 129    |
| 1,2,4-Trichlorobenzene       | ND            |                  | 26.1        | 20.2      |              | ug/Kg | ✱ | 77   | 56 - 130    |
| 1,2-Dichlorobenzene          | ND            |                  | 26.1        | 22.6      |              | ug/Kg | ✱ | 87   | 76 - 120    |
| 1,2-Dichloroethane           | ND            |                  | 26.1        | 23.6      |              | ug/Kg | ✱ | 90   | 71 - 128    |
| 1,2-Dichloropropane          | ND            |                  | 26.1        | 25.5      |              | ug/Kg | ✱ | 98   | 80 - 120    |
| 1,4-Dichlorobenzene          | ND            |                  | 26.1        | 23.8      |              | ug/Kg | ✱ | 91   | 80 - 120    |
| Benzene                      | ND            |                  | 26.1        | 26.2      |              | ug/Kg | ✱ | 100  | 80 - 120    |
| Bromodichloromethane         | ND            |                  | 26.1        | 23.7      |              | ug/Kg | ✱ | 91   | 70 - 120    |
| Bromoform                    | ND            |                  | 26.1        | 22.3      |              | ug/Kg | ✱ | 86   | 51 - 127    |
| Carbon tetrachloride         | ND            |                  | 26.1        | 24.5      |              | ug/Kg | ✱ | 94   | 64 - 134    |
| Chlorobenzene                | ND            |                  | 26.1        | 24.0      |              | ug/Kg | ✱ | 92   | 80 - 120    |
| Chloroform                   | ND            |                  | 26.1        | 24.2      |              | ug/Kg | ✱ | 93   | 80 - 120    |
| cis-1,2-Dichloroethene       | ND            |                  | 26.1        | 25.4      |              | ug/Kg | ✱ | 98   | 80 - 123    |
| Dibromochloromethane         | ND            |                  | 26.1        | 22.8      |              | ug/Kg | ✱ | 87   | 69 - 125    |
| Ethylbenzene                 | ND            |                  | 26.1        | 25.3      |              | ug/Kg | ✱ | 97   | 78 - 120    |
| m&p-Xylene                   | ND            |                  | 52.2        | 50.1      |              | ug/Kg | ✱ | 96   | 80 - 120    |
| Methylene Chloride           | ND            |                  | 26.1        | 23.2      |              | ug/Kg | ✱ | 89   | 76 - 122    |
| o-Xylene                     | ND            |                  | 26.1        | 24.6      |              | ug/Kg | ✱ | 94   | 75 - 120    |
| Styrene                      | ND            |                  | 26.1        | 23.5      |              | ug/Kg | ✱ | 90   | 76 - 120    |
| Tetrachloroethene            | ND            |                  | 26.1        | 25.5      |              | ug/Kg | ✱ | 98   | 73 - 120    |
| Toluene                      | ND            |                  | 26.1        | 25.0      |              | ug/Kg | ✱ | 96   | 80 - 120    |
| trans-1,2-Dichloroethene     | ND            |                  | 26.1        | 25.6      |              | ug/Kg | ✱ | 98   | 80 - 125    |
| Trichloroethene              | ND            |                  | 26.1        | 25.1      |              | ug/Kg | ✱ | 96   | 80 - 120    |
| Vinyl chloride               | ND            |                  | 26.1        | 20.5      |              | ug/Kg | ✱ | 79   | 52 - 120    |
| Surrogate                    | MS %Recovery  | MS Qualifier     | MS Limits   |           |              |       |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 98            |                  | 50 - 131    |           |              |       |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 100           |                  | 54 - 135    |           |              |       |   |      |             |
| Dibromofluoromethane (Surr)  | 97            |                  | 50 - 141    |           |              |       |   |      |             |
| Toluene-d8 (Surr)            | 100           |                  | 52 - 141    |           |              |       |   |      |             |

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 413977

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 412993

| Analyte                | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane  | ND            |                  | 24.0        | 23.8       |               | ug/Kg | ✱ | 99   | 69 - 123    | 7   | 30        |
| 1,1,2-Trichloroethane  | ND            |                  | 24.0        | 23.3       |               | ug/Kg | ✱ | 97   | 80 - 120    | 5   | 30        |
| 1,1-Dichloroethene     | ND            |                  | 24.0        | 26.3       |               | ug/Kg | ✱ | 110  | 73 - 129    | 4   | 30        |
| 1,2,4-Trichlorobenzene | ND            |                  | 24.0        | 18.9       |               | ug/Kg | ✱ | 79   | 56 - 130    | 7   | 30        |
| 1,2-Dichlorobenzene    | ND            |                  | 24.0        | 21.0       |               | ug/Kg | ✱ | 88   | 76 - 120    | 7   | 30        |
| 1,2-Dichloroethane     | ND            |                  | 24.0        | 22.9       |               | ug/Kg | ✱ | 96   | 71 - 128    | 3   | 30        |
| 1,2-Dichloropropane    | ND            |                  | 24.0        | 24.9       |               | ug/Kg | ✱ | 104  | 80 - 120    | 3   | 30        |
| 1,4-Dichlorobenzene    | ND            |                  | 24.0        | 22.9       |               | ug/Kg | ✱ | 95   | 80 - 120    | 4   | 30        |
| Benzene                | ND            |                  | 24.0        | 25.2       |               | ug/Kg | ✱ | 105  | 80 - 120    | 4   | 30        |
| Bromodichloromethane   | ND            |                  | 24.0        | 22.6       |               | ug/Kg | ✱ | 94   | 70 - 120    | 5   | 30        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 413977

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 412993

| Analyte                  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Bromoform                | ND            |                  | 24.0        | 21.2       |               | ug/Kg | ☼ | 89   | 51 - 127    | 5   | 30        |
| Carbon tetrachloride     | ND            |                  | 24.0        | 23.6       |               | ug/Kg | ☼ | 98   | 64 - 134    | 4   | 30        |
| Chlorobenzene            | ND            |                  | 24.0        | 23.1       |               | ug/Kg | ☼ | 97   | 80 - 120    | 4   | 30        |
| Chloroform               | ND            |                  | 24.0        | 23.3       |               | ug/Kg | ☼ | 97   | 80 - 120    | 4   | 30        |
| cis-1,2-Dichloroethene   | ND            |                  | 24.0        | 24.5       |               | ug/Kg | ☼ | 102  | 80 - 123    | 4   | 30        |
| Dibromochloromethane     | ND            |                  | 24.0        | 21.8       |               | ug/Kg | ☼ | 91   | 69 - 125    | 4   | 30        |
| Ethylbenzene             | ND            |                  | 24.0        | 23.9       |               | ug/Kg | ☼ | 100  | 78 - 120    | 6   | 30        |
| m&p-Xylene               | ND            |                  | 47.9        | 47.1       |               | ug/Kg | ☼ | 98   | 80 - 120    | 6   | 30        |
| Methylene Chloride       | ND            |                  | 24.0        | 22.2       |               | ug/Kg | ☼ | 93   | 76 - 122    | 4   | 30        |
| o-Xylene                 | ND            |                  | 24.0        | 23.0       |               | ug/Kg | ☼ | 96   | 75 - 120    | 7   | 30        |
| Styrene                  | ND            |                  | 24.0        | 22.1       |               | ug/Kg | ☼ | 92   | 76 - 120    | 6   | 30        |
| Tetrachloroethene        | ND            |                  | 24.0        | 24.2       |               | ug/Kg | ☼ | 101  | 73 - 120    | 5   | 30        |
| Toluene                  | ND            |                  | 24.0        | 23.7       |               | ug/Kg | ☼ | 99   | 80 - 120    | 5   | 30        |
| trans-1,2-Dichloroethene | ND            |                  | 24.0        | 24.6       |               | ug/Kg | ☼ | 103  | 80 - 125    | 4   | 30        |
| Trichloroethene          | ND            |                  | 24.0        | 23.7       |               | ug/Kg | ☼ | 99   | 80 - 120    | 6   | 30        |
| Vinyl chloride           | ND            |                  | 24.0        | 19.2       |               | ug/Kg | ☼ | 80   | 52 - 120    | 6   | 30        |

| Surrogate                    | MSD %Recovery | MSD Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr)  | 98            |               | 50 - 131 |
| 1,2-Dichloroethane-d4 (Surr) | 101           |               | 54 - 135 |
| Dibromofluoromethane (Surr)  | 98            |               | 50 - 141 |
| Toluene-d8 (Surr)            | 99            |               | 52 - 141 |

Lab Sample ID: MB 410-413639/7

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|-----|------|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane  | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,1,2-Trichloroethane  | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,1-Dichloroethene     | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,2,4-Trichlorobenzene | ND        |              | 10  | 5.0  | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,2-Dichlorobenzene    | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,2-Dichloroethane     | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,2-Dichloropropane    | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| 1,4-Dichlorobenzene    | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Benzene                | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Bromodichloromethane   | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Bromoform              | ND        |              | 10  | 5.0  | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Carbon tetrachloride   | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Chlorobenzene          | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Chloroform             | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| cis-1,2-Dichloroethene | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Dibromochloromethane   | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Ethylbenzene           | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| m&p-Xylene             | ND        |              | 5.0 | 2.0  | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Methylene Chloride     | ND        |              | 5.0 | 2.0  | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| o-Xylene               | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-413639/7

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                  | MB Result | MB Qualifier | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|-----------|--------------|-----|------|-------|---|----------|----------------|---------|
| Styrene                  | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Tetrachloroethene        | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Toluene                  | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| trans-1,2-Dichloroethene | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Trichloroethene          | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 11:39 | 1       |
| Vinyl chloride           | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 11:39 | 1       |

| Tentatively Identified Compound | MB Est. Result | MB Qualifier | Unit  | D | RT | CAS No. | Prepared | Analyzed       | Dil Fac |
|---------------------------------|----------------|--------------|-------|---|----|---------|----------|----------------|---------|
| Tentatively Identified Compound | None           |              | ug/Kg |   |    | N/A     |          | 08/29/23 11:39 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 106          |              | 54 - 135 |          | 08/29/23 11:39 | 1       |
| 4-Bromofluorobenzene (Surr)  | 93           |              | 50 - 131 |          | 08/29/23 11:39 | 1       |
| Dibromofluoromethane (Surr)  | 107          |              | 50 - 141 |          | 08/29/23 11:39 | 1       |
| Toluene-d8 (Surr)            | 97           |              | 52 - 141 |          | 08/29/23 11:39 | 1       |

Lab Sample ID: LCS 410-413639/4

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane    | 20.0        | 19.0       |               | ug/Kg |   | 95   | 69 - 123    |
| 1,1,2-Trichloroethane    | 20.0        | 18.6       |               | ug/Kg |   | 93   | 80 - 120    |
| 1,1-Dichloroethene       | 20.0        | 20.1       |               | ug/Kg |   | 101  | 73 - 129    |
| 1,2,4-Trichlorobenzene   | 20.0        | 18.7       |               | ug/Kg |   | 93   | 56 - 130    |
| 1,2-Dichlorobenzene      | 20.0        | 18.3       |               | ug/Kg |   | 92   | 76 - 120    |
| 1,2-Dichloroethane       | 20.0        | 18.9       |               | ug/Kg |   | 94   | 71 - 128    |
| 1,2-Dichloropropane      | 20.0        | 16.8       |               | ug/Kg |   | 84   | 80 - 120    |
| 1,4-Dichlorobenzene      | 20.0        | 18.9       |               | ug/Kg |   | 95   | 80 - 120    |
| Benzene                  | 20.0        | 18.4       |               | ug/Kg |   | 92   | 80 - 120    |
| Bromodichloromethane     | 20.0        | 18.7       |               | ug/Kg |   | 93   | 70 - 120    |
| Bromoform                | 20.0        | 22.2       |               | ug/Kg |   | 111  | 51 - 127    |
| Carbon tetrachloride     | 20.0        | 19.0       |               | ug/Kg |   | 95   | 64 - 134    |
| Chlorobenzene            | 20.0        | 17.9       |               | ug/Kg |   | 90   | 80 - 120    |
| Chloroform               | 20.0        | 18.3       |               | ug/Kg |   | 92   | 80 - 120    |
| cis-1,2-Dichloroethene   | 20.0        | 19.1       |               | ug/Kg |   | 96   | 80 - 125    |
| Dibromochloromethane     | 20.0        | 19.2       |               | ug/Kg |   | 96   | 69 - 125    |
| Ethylbenzene             | 20.0        | 17.4       |               | ug/Kg |   | 87   | 78 - 120    |
| m&p-Xylene               | 40.0        | 36.2       |               | ug/Kg |   | 90   | 80 - 120    |
| Methylene Chloride       | 20.0        | 18.8       |               | ug/Kg |   | 94   | 76 - 122    |
| o-Xylene                 | 20.0        | 18.0       |               | ug/Kg |   | 90   | 75 - 120    |
| Styrene                  | 20.0        | 17.8       |               | ug/Kg |   | 89   | 76 - 120    |
| Tetrachloroethene        | 20.0        | 19.2       |               | ug/Kg |   | 96   | 73 - 120    |
| Toluene                  | 20.0        | 17.5       |               | ug/Kg |   | 88   | 80 - 120    |
| trans-1,2-Dichloroethene | 20.0        | 18.9       |               | ug/Kg |   | 95   | 80 - 126    |
| Trichloroethene          | 20.0        | 18.5       |               | ug/Kg |   | 93   | 80 - 120    |
| Vinyl chloride           | 20.0        | 17.6       |               | ug/Kg |   | 88   | 52 - 120    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-413639/4

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

|                              | LCS       | LCS       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 54 - 135 |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 50 - 131 |
| Dibromofluoromethane (Surr)  | 104       |           | 50 - 141 |
| Toluene-d8 (Surr)            | 99        |           | 52 - 141 |

Lab Sample ID: LCSD 410-413639/5

Matrix: Solid

Analysis Batch: 413639

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane    | 20.0        | 18.2        |                | ug/Kg |   | 91   | 69 - 123    | 4   | 30        |
| 1,1,2-Trichloroethane    | 20.0        | 18.1        |                | ug/Kg |   | 91   | 80 - 120    | 3   | 30        |
| 1,1-Dichloroethene       | 20.0        | 19.3        |                | ug/Kg |   | 97   | 73 - 129    | 4   | 30        |
| 1,2,4-Trichlorobenzene   | 20.0        | 20.1        |                | ug/Kg |   | 100  | 56 - 130    | 7   | 30        |
| 1,2-Dichlorobenzene      | 20.0        | 19.2        |                | ug/Kg |   | 96   | 76 - 120    | 5   | 30        |
| 1,2-Dichloroethane       | 20.0        | 18.0        |                | ug/Kg |   | 90   | 71 - 128    | 5   | 30        |
| 1,2-Dichloropropane      | 20.0        | 16.8        |                | ug/Kg |   | 84   | 80 - 120    | 0   | 30        |
| 1,4-Dichlorobenzene      | 20.0        | 19.9        |                | ug/Kg |   | 100  | 80 - 120    | 5   | 30        |
| Benzene                  | 20.0        | 17.8        |                | ug/Kg |   | 89   | 80 - 120    | 4   | 30        |
| Bromodichloromethane     | 20.0        | 18.3        |                | ug/Kg |   | 91   | 70 - 120    | 2   | 30        |
| Bromoform                | 20.0        | 21.5        |                | ug/Kg |   | 107  | 51 - 127    | 3   | 30        |
| Carbon tetrachloride     | 20.0        | 18.5        |                | ug/Kg |   | 92   | 64 - 134    | 3   | 30        |
| Chlorobenzene            | 20.0        | 17.5        |                | ug/Kg |   | 88   | 80 - 120    | 2   | 30        |
| Chloroform               | 20.0        | 17.7        |                | ug/Kg |   | 88   | 80 - 120    | 4   | 30        |
| cis-1,2-Dichloroethene   | 20.0        | 18.8        |                | ug/Kg |   | 94   | 80 - 125    | 1   | 30        |
| Dibromochloromethane     | 20.0        | 18.9        |                | ug/Kg |   | 95   | 69 - 125    | 2   | 30        |
| Ethylbenzene             | 20.0        | 17.4        |                | ug/Kg |   | 87   | 78 - 120    | 0   | 30        |
| m&p-Xylene               | 40.0        | 36.7        |                | ug/Kg |   | 92   | 80 - 120    | 1   | 30        |
| Methylene Chloride       | 20.0        | 18.2        |                | ug/Kg |   | 91   | 76 - 122    | 3   | 30        |
| o-Xylene                 | 20.0        | 17.9        |                | ug/Kg |   | 90   | 75 - 120    | 1   | 30        |
| Styrene                  | 20.0        | 17.5        |                | ug/Kg |   | 88   | 76 - 120    | 1   | 30        |
| Tetrachloroethene        | 20.0        | 18.7        |                | ug/Kg |   | 94   | 73 - 120    | 2   | 30        |
| Toluene                  | 20.0        | 16.9        |                | ug/Kg |   | 84   | 80 - 120    | 4   | 30        |
| trans-1,2-Dichloroethene | 20.0        | 18.3        |                | ug/Kg |   | 91   | 80 - 126    | 4   | 30        |
| Trichloroethene          | 20.0        | 17.4        |                | ug/Kg |   | 87   | 80 - 120    | 6   | 30        |
| Vinyl chloride           | 20.0        | 16.8        |                | ug/Kg |   | 84   | 52 - 120    | 5   | 30        |

|                              | LCSD      | LCSD      |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 54 - 135 |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 50 - 131 |
| Dibromofluoromethane (Surr)  | 104       |           | 50 - 141 |
| Toluene-d8 (Surr)            | 96        |           | 52 - 141 |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-413977/7

Matrix: Solid

Analysis Batch: 413977

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                  | MB Result | MB Qualifier | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|-----------|--------------|-----|------|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane    | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| 1,1,2-Trichloroethane    | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| 1,1-Dichloroethene       | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| 1,2,4-Trichlorobenzene   | ND        |              | 10  | 5.0  | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| 1,2-Dichlorobenzene      | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| 1,2-Dichloroethane       | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| 1,2-Dichloropropane      | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| 1,4-Dichlorobenzene      | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Benzene                  | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Bromodichloromethane     | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Bromoform                | ND        |              | 10  | 5.0  | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Carbon tetrachloride     | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Chlorobenzene            | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Chloroform               | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| cis-1,2-Dichloroethene   | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Dibromochloromethane     | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Ethylbenzene             | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| m&p-Xylene               | ND        |              | 5.0 | 2.0  | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Methylene Chloride       | ND        |              | 5.0 | 2.0  | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| o-Xylene                 | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Styrene                  | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Tetrachloroethene        | ND        |              | 5.0 | 0.70 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Toluene                  | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| trans-1,2-Dichloroethene | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Trichloroethene          | ND        |              | 5.0 | 0.50 | ug/Kg |   |          | 08/29/23 21:06 | 1       |
| Vinyl chloride           | ND        |              | 5.0 | 0.60 | ug/Kg |   |          | 08/29/23 21:06 | 1       |

| Tentatively Identified Compound | MB Est. Result | MB Qualifier | Unit  | D | RT    | CAS No.  | Prepared | Analyzed       | Dil Fac |
|---------------------------------|----------------|--------------|-------|---|-------|----------|----------|----------------|---------|
| Isopropyl alcohol               | 23.4           | J            | ug/Kg |   | 3.58  | 67-63-0  |          | 08/29/23 21:06 | 1       |
| Cyclotrisiloxane, hexamethyl-   | 37.4           | T J N        | ug/Kg |   | 10.06 | 541-05-9 |          | 08/29/23 21:06 | 1       |
| Unknown                         | 5.43           | T J          | ug/Kg |   | 13.42 | N/A      |          | 08/29/23 21:06 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 89           |              | 54 - 135 |          | 08/29/23 21:06 | 1       |
| 4-Bromofluorobenzene (Surr)  | 96           |              | 50 - 131 |          | 08/29/23 21:06 | 1       |
| Dibromofluoromethane (Surr)  | 94           |              | 50 - 141 |          | 08/29/23 21:06 | 1       |
| Toluene-d8 (Surr)            | 99           |              | 52 - 141 |          | 08/29/23 21:06 | 1       |

Lab Sample ID: LCS 410-413977/4

Matrix: Solid

Analysis Batch: 413977

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane  | 20.0        | 18.9       |               | ug/Kg |   | 95   | 69 - 123    |
| 1,1,2-Trichloroethane  | 20.0        | 16.7       |               | ug/Kg |   | 83   | 80 - 120    |
| 1,1-Dichloroethene     | 20.0        | 20.8       |               | ug/Kg |   | 104  | 73 - 129    |
| 1,2,4-Trichlorobenzene | 20.0        | 18.9       |               | ug/Kg |   | 95   | 56 - 130    |
| 1,2-Dichlorobenzene    | 20.0        | 18.4       |               | ug/Kg |   | 92   | 76 - 120    |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-413977/4

Matrix: Solid

Analysis Batch: 413977

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,2-Dichloroethane       | 20.0        | 16.2       |               | ug/Kg |   | 81   | 71 - 128    |
| 1,2-Dichloropropane      | 20.0        | 18.9       |               | ug/Kg |   | 95   | 80 - 120    |
| 1,4-Dichlorobenzene      | 20.0        | 20.0       |               | ug/Kg |   | 100  | 80 - 120    |
| Benzene                  | 20.0        | 19.9       |               | ug/Kg |   | 99   | 80 - 120    |
| Bromodichloromethane     | 20.0        | 17.1       |               | ug/Kg |   | 86   | 70 - 120    |
| Bromoform                | 20.0        | 14.9       |               | ug/Kg |   | 75   | 51 - 127    |
| Carbon tetrachloride     | 20.0        | 18.6       |               | ug/Kg |   | 93   | 64 - 134    |
| Chlorobenzene            | 20.0        | 18.5       |               | ug/Kg |   | 93   | 80 - 120    |
| Chloroform               | 20.0        | 18.5       |               | ug/Kg |   | 93   | 80 - 120    |
| cis-1,2-Dichloroethene   | 20.0        | 19.2       |               | ug/Kg |   | 96   | 80 - 125    |
| Dibromochloromethane     | 20.0        | 16.1       |               | ug/Kg |   | 80   | 69 - 125    |
| Ethylbenzene             | 20.0        | 19.7       |               | ug/Kg |   | 98   | 78 - 120    |
| m&p-Xylene               | 40.0        | 39.5       |               | ug/Kg |   | 99   | 80 - 120    |
| Methylene Chloride       | 20.0        | 17.3       |               | ug/Kg |   | 87   | 76 - 122    |
| o-Xylene                 | 20.0        | 19.0       |               | ug/Kg |   | 95   | 75 - 120    |
| Styrene                  | 20.0        | 18.7       |               | ug/Kg |   | 94   | 76 - 120    |
| Tetrachloroethene        | 20.0        | 19.5       |               | ug/Kg |   | 98   | 73 - 120    |
| Toluene                  | 20.0        | 19.5       |               | ug/Kg |   | 98   | 80 - 120    |
| trans-1,2-Dichloroethene | 20.0        | 19.5       |               | ug/Kg |   | 97   | 80 - 126    |
| Trichloroethene          | 20.0        | 18.8       |               | ug/Kg |   | 94   | 80 - 120    |
| Vinyl chloride           | 20.0        | 18.9       |               | ug/Kg |   | 94   | 52 - 120    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 90            |               | 54 - 135 |
| 4-Bromofluorobenzene (Surr)  | 97            |               | 50 - 131 |
| Dibromofluoromethane (Surr)  | 94            |               | 50 - 141 |
| Toluene-d8 (Surr)            | 101           |               | 52 - 141 |

Lab Sample ID: LCSD 410-413977/5

Matrix: Solid

Analysis Batch: 413977

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane  | 20.0        | 19.1        |                | ug/Kg |   | 95   | 69 - 123    | 1   | 30        |
| 1,1,2-Trichloroethane  | 20.0        | 16.6        |                | ug/Kg |   | 83   | 80 - 120    | 0   | 30        |
| 1,1-Dichloroethene     | 20.0        | 21.0        |                | ug/Kg |   | 105  | 73 - 129    | 1   | 30        |
| 1,2,4-Trichlorobenzene | 20.0        | 18.3        |                | ug/Kg |   | 91   | 56 - 130    | 3   | 30        |
| 1,2-Dichlorobenzene    | 20.0        | 18.1        |                | ug/Kg |   | 90   | 76 - 120    | 2   | 30        |
| 1,2-Dichloroethane     | 20.0        | 16.2        |                | ug/Kg |   | 81   | 71 - 128    | 0   | 30        |
| 1,2-Dichloropropane    | 20.0        | 19.2        |                | ug/Kg |   | 96   | 80 - 120    | 2   | 30        |
| 1,4-Dichlorobenzene    | 20.0        | 19.6        |                | ug/Kg |   | 98   | 80 - 120    | 2   | 30        |
| Benzene                | 20.0        | 20.0        |                | ug/Kg |   | 100  | 80 - 120    | 1   | 30        |
| Bromodichloromethane   | 20.0        | 17.4        |                | ug/Kg |   | 87   | 70 - 120    | 1   | 30        |
| Bromoform              | 20.0        | 14.9        |                | ug/Kg |   | 75   | 51 - 127    | 0   | 30        |
| Carbon tetrachloride   | 20.0        | 18.6        |                | ug/Kg |   | 93   | 64 - 134    | 0   | 30        |
| Chlorobenzene          | 20.0        | 18.8        |                | ug/Kg |   | 94   | 80 - 120    | 2   | 30        |
| Chloroform             | 20.0        | 18.5        |                | ug/Kg |   | 93   | 80 - 120    | 0   | 30        |
| cis-1,2-Dichloroethene | 20.0        | 19.5        |                | ug/Kg |   | 97   | 80 - 125    | 1   | 30        |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-413977/5

Matrix: Solid

Analysis Batch: 413977

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Dibromochloromethane     | 20.0        | 16.1        |                | ug/Kg |   | 80   | 69 - 125    | 0   | 30        |
| Ethylbenzene             | 20.0        | 19.7        |                | ug/Kg |   | 99   | 78 - 120    | 0   | 30        |
| m&p-Xylene               | 40.0        | 39.5        |                | ug/Kg |   | 99   | 80 - 120    | 0   | 30        |
| Methylene Chloride       | 20.0        | 17.3        |                | ug/Kg |   | 87   | 76 - 122    | 0   | 30        |
| o-Xylene                 | 20.0        | 19.2        |                | ug/Kg |   | 96   | 75 - 120    | 1   | 30        |
| Styrene                  | 20.0        | 18.8        |                | ug/Kg |   | 94   | 76 - 120    | 1   | 30        |
| Tetrachloroethene        | 20.0        | 19.4        |                | ug/Kg |   | 97   | 73 - 120    | 0   | 30        |
| Toluene                  | 20.0        | 19.6        |                | ug/Kg |   | 98   | 80 - 120    | 1   | 30        |
| trans-1,2-Dichloroethene | 20.0        | 19.7        |                | ug/Kg |   | 98   | 80 - 126    | 1   | 30        |
| Trichloroethene          | 20.0        | 18.9        |                | ug/Kg |   | 94   | 80 - 120    | 1   | 30        |
| Vinyl chloride           | 20.0        | 18.3        |                | ug/Kg |   | 92   | 52 - 120    | 3   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------------|----------------|----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 88             |                | 54 - 135 |
| 4-Bromofluorobenzene (Surr)  | 97             |                | 50 - 131 |
| Dibromofluoromethane (Surr)  | 94             |                | 50 - 141 |
| Toluene-d8 (Surr)            | 101            |                | 52 - 141 |

Lab Sample ID: MB 410-414509/7

Matrix: Water

Analysis Batch: 414509

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                  | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane    | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| 1,1,2-Trichloroethane    | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| 1,1-Dichloroethene       | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| 1,2,4-Trichlorobenzene   | ND        |              | 5.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| 1,2-Dichlorobenzene      | ND        |              | 5.0 | 0.20 | ug/L |   |          | 08/30/23 21:48 | 1       |
| 1,2-Dichloroethane       | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| 1,2-Dichloropropane      | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| 1,4-Dichlorobenzene      | ND        |              | 5.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Benzene                  | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Bromodichloromethane     | ND        |              | 1.0 | 0.20 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Bromoform                | ND        |              | 4.0 | 1.0  | ug/L |   |          | 08/30/23 21:48 | 1       |
| Carbon tetrachloride     | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Chlorobenzene            | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Chloroform               | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| cis-1,2-Dichloroethene   | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Dibromochloromethane     | ND        |              | 1.0 | 0.20 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Ethylbenzene             | ND        |              | 1.0 | 0.40 | ug/L |   |          | 08/30/23 21:48 | 1       |
| m&p-Xylene               | ND        |              | 5.0 | 2.0  | ug/L |   |          | 08/30/23 21:48 | 1       |
| Methylene Chloride       | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| o-Xylene                 | ND        |              | 1.0 | 0.40 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Styrene                  | ND        |              | 5.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Tetrachloroethene        | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Toluene                  | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |
| trans-1,2-Dichloroethene | ND        |              | 2.0 | 0.70 | ug/L |   |          | 08/30/23 21:48 | 1       |
| Trichloroethene          | ND        |              | 1.0 | 0.30 | ug/L |   |          | 08/30/23 21:48 | 1       |

Eurofins Lancaster Laboratories Environment Testing, LLC



# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-414509/7

Matrix: Water

Analysis Batch: 414509

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                         | MB Result      | MB Qualifier | RL       | MDL  | Unit | D       | Prepared | Analyzed       | Dil Fac |
|---------------------------------|----------------|--------------|----------|------|------|---------|----------|----------------|---------|
| Vinyl chloride                  | ND             |              | 1.0      | 0.30 | ug/L |         |          | 08/30/23 21:48 | 1       |
| Tentatively Identified Compound | MB Est. Result | MB Qualifier | Unit     | D    | RT   | CAS No. | Prepared | Analyzed       | Dil Fac |
| Tentatively Identified Compound | None           |              | ug/L     |      |      | N/A     |          | 08/30/23 21:48 | 1       |
| Surrogate                       | MB %Recovery   | MB Qualifier | Limits   |      |      |         | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr)    | 96             |              | 80 - 120 |      |      |         |          | 08/30/23 21:48 | 1       |
| 4-Bromofluorobenzene (Surr)     | 95             |              | 80 - 120 |      |      |         |          | 08/30/23 21:48 | 1       |
| Dibromofluoromethane (Surr)     | 102            |              | 80 - 120 |      |      |         |          | 08/30/23 21:48 | 1       |
| Toluene-d8 (Surr)               | 94             |              | 80 - 120 |      |      |         |          | 08/30/23 21:48 | 1       |

Lab Sample ID: LCS 410-414509/5

Matrix: Water

Analysis Batch: 414509

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                      | Spike Added   | LCS Result    | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------------|---------------|---------------|---------------|------|---|------|-------------|
| 1,1,1-Trichloroethane        | 20.0          | 18.4          |               | ug/L |   | 92   | 67 - 126    |
| 1,1,2-Trichloroethane        | 20.0          | 16.2          |               | ug/L |   | 81   | 80 - 120    |
| 1,1-Dichloroethene           | 20.0          | 18.5          |               | ug/L |   | 93   | 80 - 131    |
| 1,2,4-Trichlorobenzene       | 20.0          | 17.8          |               | ug/L |   | 89   | 63 - 120    |
| 1,2-Dichlorobenzene          | 20.0          | 17.3          |               | ug/L |   | 87   | 80 - 120    |
| 1,2-Dichloroethane           | 20.0          | 17.8          |               | ug/L |   | 89   | 73 - 124    |
| 1,2-Dichloropropane          | 20.0          | 18.4          |               | ug/L |   | 92   | 80 - 120    |
| 1,4-Dichlorobenzene          | 20.0          | 18.7          |               | ug/L |   | 94   | 80 - 120    |
| Benzene                      | 20.0          | 19.0          |               | ug/L |   | 95   | 80 - 120    |
| Bromodichloromethane         | 20.0          | 18.6          |               | ug/L |   | 93   | 71 - 120    |
| Bromoform                    | 20.0          | 16.8          |               | ug/L |   | 84   | 51 - 120    |
| Carbon tetrachloride         | 20.0          | 18.3          |               | ug/L |   | 91   | 64 - 134    |
| Chlorobenzene                | 20.0          | 17.5          |               | ug/L |   | 88   | 80 - 120    |
| Chloroform                   | 20.0          | 18.6          |               | ug/L |   | 93   | 80 - 120    |
| cis-1,2-Dichloroethene       | 20.0          | 19.3          |               | ug/L |   | 96   | 80 - 125    |
| Dibromochloromethane         | 20.0          | 16.8          |               | ug/L |   | 84   | 71 - 120    |
| Ethylbenzene                 | 20.0          | 17.7          |               | ug/L |   | 88   | 80 - 120    |
| m&p-Xylene                   | 40.0          | 35.0          |               | ug/L |   | 87   | 80 - 120    |
| Methylene Chloride           | 20.0          | 18.2          |               | ug/L |   | 91   | 80 - 120    |
| o-Xylene                     | 20.0          | 17.3          |               | ug/L |   | 87   | 80 - 120    |
| Styrene                      | 20.0          | 17.2          |               | ug/L |   | 86   | 80 - 120    |
| Tetrachloroethene            | 20.0          | 17.9          |               | ug/L |   | 89   | 80 - 120    |
| Toluene                      | 20.0          | 17.3          |               | ug/L |   | 86   | 80 - 120    |
| trans-1,2-Dichloroethene     | 20.0          | 18.1          |               | ug/L |   | 91   | 80 - 126    |
| Trichloroethene              | 20.0          | 17.9          |               | ug/L |   | 90   | 80 - 120    |
| Vinyl chloride               | 20.0          | 15.6          |               | ug/L |   | 78   | 56 - 120    |
| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits        |      |   |      |             |
| 1,2-Dichloroethane-d4 (Surr) | 96            |               | 80 - 120      |      |   |      |             |
| 4-Bromofluorobenzene (Surr)  | 97            |               | 80 - 120      |      |   |      |             |
| Dibromofluoromethane (Surr)  | 100           |               | 80 - 120      |      |   |      |             |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-414509/5

Matrix: Water

Analysis Batch: 414509

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

|                   | LCS       | LCS       |          |
|-------------------|-----------|-----------|----------|
| Surrogate         | %Recovery | Qualifier | Limits   |
| Toluene-d8 (Surr) | 94        |           | 80 - 120 |

Lab Sample ID: MB 410-414605/7

Matrix: Solid

Analysis Batch: 414605

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                  | MB     | MB        |     |      |       |   |          |                |         |
|--------------------------|--------|-----------|-----|------|-------|---|----------|----------------|---------|
|                          | Result | Qualifier | RL  | MDL  | Unit  | D | Prepared | Analyzed       | Dil Fac |
| 1,1,1-Trichloroethane    | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| 1,1,2-Trichloroethane    | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| 1,1-Dichloroethene       | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| 1,2,4-Trichlorobenzene   | ND     |           | 10  | 5.0  | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| 1,2-Dichlorobenzene      | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| 1,2-Dichloroethane       | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| 1,2-Dichloropropane      | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| 1,4-Dichlorobenzene      | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Benzene                  | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Bromodichloromethane     | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Bromoform                | ND     |           | 10  | 5.0  | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Carbon tetrachloride     | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Chlorobenzene            | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Chloroform               | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| cis-1,2-Dichloroethene   | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Dibromochloromethane     | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Ethylbenzene             | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| m&p-Xylene               | ND     |           | 5.0 | 2.0  | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Methylene Chloride       | ND     |           | 5.0 | 2.0  | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| o-Xylene                 | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Styrene                  | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Tetrachloroethene        | ND     |           | 5.0 | 0.70 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Toluene                  | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| trans-1,2-Dichloroethene | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Trichloroethene          | ND     |           | 5.0 | 0.50 | ug/Kg |   |          | 08/31/23 16:29 | 1       |
| Vinyl chloride           | ND     |           | 5.0 | 0.60 | ug/Kg |   |          | 08/31/23 16:29 | 1       |

|                                 | MB          | MB        |       |   |      |           |          |                |         |
|---------------------------------|-------------|-----------|-------|---|------|-----------|----------|----------------|---------|
| Tentatively Identified Compound | Est. Result | Qualifier | Unit  | D | RT   | CAS No.   | Prepared | Analyzed       | Dil Fac |
| Silanol, trimethyl-             | 8.08        | T J N     | ug/Kg |   | 5.75 | 1066-40-6 |          | 08/31/23 16:29 | 1       |

|                              | MB        | MB        |          |  |  |  |          |                |         |
|------------------------------|-----------|-----------|----------|--|--|--|----------|----------------|---------|
| Surrogate                    | %Recovery | Qualifier | Limits   |  |  |  | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 99        |           | 54 - 135 |  |  |  |          | 08/31/23 16:29 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 50 - 131 |  |  |  |          | 08/31/23 16:29 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 50 - 141 |  |  |  |          | 08/31/23 16:29 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 52 - 141 |  |  |  |          | 08/31/23 16:29 | 1       |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-414605/4

Matrix: Solid

Analysis Batch: 414605

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane    | 20.0        | 16.1       |               | ug/Kg |   | 80   | 69 - 123    |
| 1,1,2-Trichloroethane    | 20.0        | 18.4       |               | ug/Kg |   | 92   | 80 - 120    |
| 1,1-Dichloroethene       | 20.0        | 17.5       |               | ug/Kg |   | 88   | 73 - 129    |
| 1,2,4-Trichlorobenzene   | 20.0        | 17.0       |               | ug/Kg |   | 85   | 56 - 130    |
| 1,2-Dichlorobenzene      | 20.0        | 17.6       |               | ug/Kg |   | 88   | 76 - 120    |
| 1,2-Dichloroethane       | 20.0        | 17.5       |               | ug/Kg |   | 88   | 71 - 128    |
| 1,2-Dichloropropane      | 20.0        | 18.7       |               | ug/Kg |   | 94   | 80 - 120    |
| 1,4-Dichlorobenzene      | 20.0        | 18.2       |               | ug/Kg |   | 91   | 80 - 120    |
| Benzene                  | 20.0        | 18.3       |               | ug/Kg |   | 92   | 80 - 120    |
| Bromodichloromethane     | 20.0        | 17.2       |               | ug/Kg |   | 86   | 70 - 120    |
| Bromoform                | 20.0        | 16.7       |               | ug/Kg |   | 84   | 51 - 127    |
| Carbon tetrachloride     | 20.0        | 15.4       |               | ug/Kg |   | 77   | 64 - 134    |
| Chlorobenzene            | 20.0        | 17.1       |               | ug/Kg |   | 86   | 80 - 120    |
| Chloroform               | 20.0        | 17.2       |               | ug/Kg |   | 86   | 80 - 120    |
| cis-1,2-Dichloroethene   | 20.0        | 17.8       |               | ug/Kg |   | 89   | 80 - 125    |
| Dibromochloromethane     | 20.0        | 17.1       |               | ug/Kg |   | 85   | 69 - 125    |
| Ethylbenzene             | 20.0        | 17.5       |               | ug/Kg |   | 87   | 78 - 120    |
| m&p-Xylene               | 40.0        | 34.7       |               | ug/Kg |   | 87   | 80 - 120    |
| Methylene Chloride       | 20.0        | 17.0       |               | ug/Kg |   | 85   | 76 - 122    |
| o-Xylene                 | 20.0        | 17.7       |               | ug/Kg |   | 88   | 75 - 120    |
| Styrene                  | 20.0        | 16.9       |               | ug/Kg |   | 85   | 76 - 120    |
| Tetrachloroethene        | 20.0        | 15.2       |               | ug/Kg |   | 76   | 73 - 120    |
| Toluene                  | 20.0        | 17.5       |               | ug/Kg |   | 87   | 80 - 120    |
| trans-1,2-Dichloroethene | 20.0        | 16.9       |               | ug/Kg |   | 84   | 80 - 126    |
| Trichloroethene          | 20.0        | 16.4       |               | ug/Kg |   | 82   | 80 - 120    |
| Vinyl chloride           | 20.0        | 17.9       |               | ug/Kg |   | 89   | 52 - 120    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 103           |               | 54 - 135 |
| 4-Bromofluorobenzene (Surr)  | 100           |               | 50 - 131 |
| Dibromofluoromethane (Surr)  | 96            |               | 50 - 141 |
| Toluene-d8 (Surr)            | 99            |               | 52 - 141 |

Lab Sample ID: LCSD 410-414605/5

Matrix: Solid

Analysis Batch: 414605

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane  | 20.0        | 16.3        |                | ug/Kg |   | 82   | 69 - 123    | 2   | 30        |
| 1,1,2-Trichloroethane  | 20.0        | 18.7        |                | ug/Kg |   | 93   | 80 - 120    | 1   | 30        |
| 1,1-Dichloroethene     | 20.0        | 17.8        |                | ug/Kg |   | 89   | 73 - 129    | 1   | 30        |
| 1,2,4-Trichlorobenzene | 20.0        | 16.8        |                | ug/Kg |   | 84   | 56 - 130    | 1   | 30        |
| 1,2-Dichlorobenzene    | 20.0        | 17.6        |                | ug/Kg |   | 88   | 76 - 120    | 0   | 30        |
| 1,2-Dichloroethane     | 20.0        | 17.7        |                | ug/Kg |   | 89   | 71 - 128    | 1   | 30        |
| 1,2-Dichloropropane    | 20.0        | 19.0        |                | ug/Kg |   | 95   | 80 - 120    | 2   | 30        |
| 1,4-Dichlorobenzene    | 20.0        | 18.3        |                | ug/Kg |   | 91   | 80 - 120    | 0   | 30        |
| Benzene                | 20.0        | 18.6        |                | ug/Kg |   | 93   | 80 - 120    | 1   | 30        |
| Bromodichloromethane   | 20.0        | 17.6        |                | ug/Kg |   | 88   | 70 - 120    | 2   | 30        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-414605/5

Matrix: Solid

Analysis Batch: 414605

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Bromofom                 | 20.0        | 16.5        |                | ug/Kg |   | 83   | 51 - 127    | 1   | 30        |
| Carbon tetrachloride     | 20.0        | 15.5        |                | ug/Kg |   | 78   | 64 - 134    | 1   | 30        |
| Chlorobenzene            | 20.0        | 17.4        |                | ug/Kg |   | 87   | 80 - 120    | 1   | 30        |
| Chloroform               | 20.0        | 17.2        |                | ug/Kg |   | 86   | 80 - 120    | 0   | 30        |
| cis-1,2-Dichloroethene   | 20.0        | 18.2        |                | ug/Kg |   | 91   | 80 - 125    | 2   | 30        |
| Dibromochloromethane     | 20.0        | 17.0        |                | ug/Kg |   | 85   | 69 - 125    | 0   | 30        |
| Ethylbenzene             | 20.0        | 17.6        |                | ug/Kg |   | 88   | 78 - 120    | 1   | 30        |
| m&p-Xylene               | 40.0        | 34.7        |                | ug/Kg |   | 87   | 80 - 120    | 0   | 30        |
| Methylene Chloride       | 20.0        | 17.0        |                | ug/Kg |   | 85   | 76 - 122    | 0   | 30        |
| o-Xylene                 | 20.0        | 17.6        |                | ug/Kg |   | 88   | 75 - 120    | 0   | 30        |
| Styrene                  | 20.0        | 17.1        |                | ug/Kg |   | 85   | 76 - 120    | 1   | 30        |
| Tetrachloroethene        | 20.0        | 15.3        |                | ug/Kg |   | 76   | 73 - 120    | 0   | 30        |
| Toluene                  | 20.0        | 17.4        |                | ug/Kg |   | 87   | 80 - 120    | 0   | 30        |
| trans-1,2-Dichloroethene | 20.0        | 17.1        |                | ug/Kg |   | 86   | 80 - 126    | 1   | 30        |
| Trichloroethene          | 20.0        | 16.6        |                | ug/Kg |   | 83   | 80 - 120    | 1   | 30        |
| Vinyl chloride           | 20.0        | 17.9        |                | ug/Kg |   | 89   | 52 - 120    | 0   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|------------------------------|----------------|----------------|-------------|
| 1,2-Dichloroethane-d4 (Surr) | 102            |                | 54 - 135    |
| 4-Bromofluorobenzene (Surr)  | 100            |                | 50 - 131    |
| Dibromofluoromethane (Surr)  | 97             |                | 50 - 141    |
| Toluene-d8 (Surr)            | 99             |                | 52 - 141    |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-414145/1-A

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 414145

| Analyte                      | MB Result | MB Qualifier | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|--------------|------|-----|-------|---|----------------|----------------|---------|
| 1,1'-Biphenyl                | ND        |              | 37   | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2,2'-oxybis[1-chloropropane] | ND        |              | 43   | 20  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2,4,5-Trichlorophenol        | ND        |              | 37   | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2,4,6-Trichlorophenol        | ND        |              | 37   | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2,4-Dichlorophenol           | ND        |              | 43   | 20  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2,4-Dimethylphenol           | ND        |              | 37   | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2,4-Dinitrophenol            | ND        |              | 1000 | 170 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2,4-Dinitrotoluene           | ND        |              | 170  | 33  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2,6-Dinitrotoluene           | ND        |              | 37   | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2-Chloronaphthalene          | ND        |              | 33   | 13  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2-Chlorophenol               | ND        |              | 37   | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2-Methylnaphthalene          | ND        |              | 17   | 5.0 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2-Methylphenol               | ND        |              | 50   | 20  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2-Nitroaniline               | ND        |              | 50   | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2-Nitrophenol                | ND        |              | 50   | 20  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 3,3'-Dichlorobenzidine       | ND        |              | 170  | 33  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 3-Nitroaniline               | ND        |              | 170  | 33  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 4,6-Dinitro-2-methylphenol   | ND        |              | 500  | 170 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 4-Bromophenyl phenyl ether   | ND        |              | 37   | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-414145/1-A

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 414145

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|-----|-----|-------|---|----------------|----------------|---------|
| 4-Chloro-3-methylphenol     | ND           |                 | 50  | 20  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 4-Chloroaniline             | ND           |                 | 170 | 33  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 4-Chlorophenyl phenyl ether | ND           |                 | 37  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 4-Methylphenol              | ND           |                 | 50  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 4-Nitroaniline              | ND           |                 | 170 | 33  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 4-Nitrophenol               | ND           |                 | 500 | 170 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Acenaphthene                | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Acenaphthylene              | ND           |                 | 17  | 4.0 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Acetophenone                | ND           |                 | 50  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Anthracene                  | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Atrazine                    | ND           |                 | 170 | 67  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Benzaldehyde                | ND           |                 | 170 | 33  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Benzo[a]anthracene          | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Benzo[a]pyrene              | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Benzo[b]fluoranthene        | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Benzo[g,h,i]perylene        | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Benzo[k]fluoranthene        | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Butyl benzyl phthalate      | ND           |                 | 170 | 67  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Caprolactam                 | ND           |                 | 170 | 33  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Carbazole                   | ND           |                 | 37  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Chrysene                    | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Di-n-butyl phthalate        | ND           |                 | 170 | 67  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Di-n-octyl phthalate        | ND           |                 | 170 | 67  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Dibenz(a,h)anthracene       | ND           |                 | 17  | 6.7 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Dibenzofuran                | ND           |                 | 37  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Diethyl phthalate           | ND           |                 | 170 | 67  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Dimethyl phthalate          | ND           |                 | 170 | 67  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Fluoranthene                | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Fluorene                    | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Hexachlorobenzene           | ND           |                 | 17  | 6.7 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Hexachlorobutadiene         | ND           |                 | 50  | 20  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Hexachlorocyclopentadiene   | ND           |                 | 500 | 170 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Hexachloroethane            | ND           |                 | 170 | 33  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Indeno[1,2,3-cd]pyrene      | ND           |                 | 17  | 4.0 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Isophorone                  | ND           |                 | 67  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| N-Nitrosodi-n-propylamine   | ND           |                 | 67  | 33  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| N-Nitrosodiphenylamine      | ND           |                 | 37  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Naphthalene                 | ND           |                 | 17  | 6.7 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Nitrobenzene                | ND           |                 | 37  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Pentachlorophenol           | ND           |                 | 170 | 67  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Phenanthrene                | ND           |                 | 17  | 4.0 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Phenol                      | ND           |                 | 37  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Pyrene                      | ND           |                 | 17  | 3.3 | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Bis(2-chloroethoxy)methane  | ND           |                 | 37  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Bis(2-chloroethyl)ether     | ND           |                 | 37  | 17  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Bis(2-ethylhexyl) phthalate | ND           |                 | 170 | 67  | ug/Kg |   | 08/30/23 07:58 | 08/30/23 23:35 | 1       |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-414145/1-A

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 414145

|                                 | MB          | MB        |          |   |      |         |                |                |         |
|---------------------------------|-------------|-----------|----------|---|------|---------|----------------|----------------|---------|
| Tentatively Identified Compound | Est. Result | Qualifier | Unit     | D | RT   | CAS No. | Prepared       | Analyzed       | Dil Fac |
| Unknown                         | 629         | T J       | ug/Kg    |   | 2.03 | N/A     | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
|                                 | MB          | MB        |          |   |      |         |                |                |         |
| Surrogate                       | %Recovery   | Qualifier | Limits   |   |      |         | Prepared       | Analyzed       | Dil Fac |
| 2,4,6-Tribromophenol (Surr)     | 84          |           | 10 - 138 |   |      |         | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2-Fluorobiphenyl (Surr)         | 76          |           | 37 - 120 |   |      |         | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| 2-Fluorophenol (Surr)           | 69          |           | 22 - 120 |   |      |         | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Nitrobenzene-d5 (Surr)          | 81          |           | 26 - 120 |   |      |         | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| p-Terphenyl-d14 (Surr)          | 92          |           | 40 - 133 |   |      |         | 08/30/23 07:58 | 08/30/23 23:35 | 1       |
| Phenol-d5 (Surr)                | 71          |           | 27 - 120 |   |      |         | 08/30/23 07:58 | 08/30/23 23:35 | 1       |

Lab Sample ID: LCS 410-414145/2-A

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 414145

| Analyte                      | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,1'-Biphenyl                | 1670        | 1280       |               | ug/Kg |   | 77   | 63 - 120    |
| 2,2'-oxybis[1-chloropropane] | 1670        | 1140       |               | ug/Kg |   | 68   | 22 - 125    |
| 2,4,5-Trichlorophenol        | 1670        | 1420       |               | ug/Kg |   | 85   | 63 - 120    |
| 2,4,6-Trichlorophenol        | 1670        | 1470       |               | ug/Kg |   | 88   | 58 - 124    |
| 2,4-Dichlorophenol           | 1670        | 1210       |               | ug/Kg |   | 73   | 64 - 120    |
| 2,4-Dimethylphenol           | 1670        | 1240       |               | ug/Kg |   | 74   | 63 - 120    |
| 2,4-Dinitrophenol            | 3330        | 1020       | *-            | ug/Kg |   | 31   | 36 - 130    |
| 2,4-Dinitrotoluene           | 1670        | 1450       |               | ug/Kg |   | 87   | 65 - 120    |
| 2,6-Dinitrotoluene           | 1670        | 1420       |               | ug/Kg |   | 85   | 67 - 120    |
| 2-Chloronaphthalene          | 1670        | 1280       |               | ug/Kg |   | 77   | 63 - 120    |
| 2-Chlorophenol               | 1670        | 1040       |               | ug/Kg |   | 63   | 61 - 120    |
| 2-Methylnaphthalene          | 1670        | 1220       |               | ug/Kg |   | 73   | 61 - 120    |
| 2-Methylphenol               | 1670        | 1150       |               | ug/Kg |   | 69   | 59 - 120    |
| 2-Nitroaniline               | 1670        | 1610       |               | ug/Kg |   | 96   | 67 - 120    |
| 2-Nitrophenol                | 1670        | 1210       |               | ug/Kg |   | 73   | 60 - 120    |
| 3,3'-Dichlorobenzidine       | 3330        | 1840       |               | ug/Kg |   | 55   | 23 - 120    |
| 3-Nitroaniline               | 1670        | 1170       |               | ug/Kg |   | 70   | 34 - 120    |
| 4,6-Dinitro-2-methylphenol   | 3330        | 1730       | *-            | ug/Kg |   | 52   | 55 - 131    |
| 4-Bromophenyl phenyl ether   | 1670        | 1430       |               | ug/Kg |   | 86   | 66 - 120    |
| 4-Chloro-3-methylphenol      | 1670        | 1400       |               | ug/Kg |   | 84   | 59 - 120    |
| 4-Chloroaniline              | 1670        | 871        |               | ug/Kg |   | 52   | 17 - 120    |
| 4-Chlorophenyl phenyl ether  | 1670        | 1410       |               | ug/Kg |   | 84   | 65 - 120    |
| 4-Methylphenol               | 1670        | 1110       |               | ug/Kg |   | 67   | 59 - 120    |
| 4-Nitroaniline               | 1670        | 1330       |               | ug/Kg |   | 80   | 60 - 120    |
| 4-Nitrophenol                | 3330        | 2840       |               | ug/Kg |   | 85   | 41 - 130    |
| Acenaphthene                 | 1670        | 1290       |               | ug/Kg |   | 78   | 65 - 120    |
| Acenaphthylene               | 1670        | 1380       |               | ug/Kg |   | 83   | 66 - 120    |
| Acetophenone                 | 1670        | 1070       |               | ug/Kg |   | 64   | 56 - 120    |
| Anthracene                   | 1670        | 1310       |               | ug/Kg |   | 78   | 69 - 120    |
| Atrazine                     | 1670        | 1670       |               | ug/Kg |   | 100  | 59 - 140    |
| Benzaldehyde                 | 1670        | 1150       |               | ug/Kg |   | 69   | 35 - 120    |
| Benzo[a]anthracene           | 1670        | 1460       |               | ug/Kg |   | 87   | 68 - 120    |
| Benzo[a]pyrene               | 1670        | 1410       |               | ug/Kg |   | 85   | 71 - 120    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-414145/2-A

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 414145

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzo[b]fluoranthene        | 1670        | 1400       |               | ug/Kg |   | 84   | 66 - 120    |
| Benzo[g,h,i]perylene        | 1670        | 1390       |               | ug/Kg |   | 83   | 69 - 120    |
| Benzo[k]fluoranthene        | 1670        | 1210       |               | ug/Kg |   | 73   | 68 - 120    |
| Butyl benzyl phthalate      | 1670        | 1690       |               | ug/Kg |   | 102  | 64 - 120    |
| Caprolactam                 | 1670        | 1420       |               | ug/Kg |   | 85   | 50 - 120    |
| Carbazole                   | 1670        | 1350       |               | ug/Kg |   | 81   | 69 - 120    |
| Chrysene                    | 1670        | 1570       |               | ug/Kg |   | 94   | 67 - 120    |
| Di-n-butyl phthalate        | 1670        | 1510       |               | ug/Kg |   | 91   | 67 - 128    |
| Di-n-octyl phthalate        | 1670        | 1700       |               | ug/Kg |   | 102  | 64 - 128    |
| Dibenz(a,h)anthracene       | 1670        | 1350       |               | ug/Kg |   | 81   | 70 - 123    |
| Dibenzofuran                | 1670        | 1370       |               | ug/Kg |   | 82   | 66 - 120    |
| Diethyl phthalate           | 1670        | 1410       |               | ug/Kg |   | 85   | 66 - 120    |
| Dimethyl phthalate          | 1670        | 1360       |               | ug/Kg |   | 82   | 65 - 120    |
| Fluoranthene                | 1670        | 1400       |               | ug/Kg |   | 84   | 67 - 120    |
| Fluorene                    | 1670        | 1370       |               | ug/Kg |   | 82   | 67 - 120    |
| Hexachlorobenzene           | 1670        | 1230       |               | ug/Kg |   | 74   | 64 - 120    |
| Hexachlorobutadiene         | 1670        | 1180       |               | ug/Kg |   | 71   | 52 - 120    |
| Hexachlorocyclopentadiene   | 1670        | 904        |               | ug/Kg |   | 54   | 32 - 123    |
| Hexachloroethane            | 1670        | 1040       |               | ug/Kg |   | 62   | 54 - 120    |
| Indeno[1,2,3-cd]pyrene      | 1670        | 1470       |               | ug/Kg |   | 88   | 67 - 122    |
| Isophorone                  | 1670        | 1360       |               | ug/Kg |   | 81   | 58 - 120    |
| N-Nitrosodi-n-propylamine   | 1670        | 1240       |               | ug/Kg |   | 75   | 51 - 120    |
| N-Nitrosodiphenylamine      | 1420        | 1170       |               | ug/Kg |   | 83   | 70 - 120    |
| Naphthalene                 | 1670        | 1090       |               | ug/Kg |   | 65   | 62 - 120    |
| Nitrobenzene                | 1670        | 1320       |               | ug/Kg |   | 79   | 50 - 120    |
| Pentachlorophenol           | 3330        | 2180       |               | ug/Kg |   | 65   | 41 - 124    |
| Phenanthrene                | 1670        | 1240       |               | ug/Kg |   | 74   | 69 - 120    |
| Phenol                      | 1670        | 1180       |               | ug/Kg |   | 71   | 54 - 120    |
| Pyrene                      | 1670        | 1410       |               | ug/Kg |   | 85   | 69 - 120    |
| Bis(2-chloroethoxy)methane  | 1670        | 1280       |               | ug/Kg |   | 77   | 53 - 120    |
| Bis(2-chloroethyl)ether     | 1670        | 1160       |               | ug/Kg |   | 69   | 52 - 120    |
| Bis(2-ethylhexyl) phthalate | 1670        | 1750       |               | ug/Kg |   | 105  | 65 - 122    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 75            |               | 10 - 138 |
| 2-Fluorobiphenyl (Surr)     | 71            |               | 37 - 120 |
| 2-Fluorophenol (Surr)       | 58            |               | 22 - 120 |
| Nitrobenzene-d5 (Surr)      | 73            |               | 26 - 120 |
| p-Terphenyl-d14 (Surr)      | 84            |               | 40 - 133 |
| Phenol-d5 (Surr)            | 62            |               | 27 - 120 |

Lab Sample ID: 410-140330-5 MS

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 414145

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 1,1'-Biphenyl                | 23            | J                | 2080        | 1350      |              | ug/Kg | ☼ | 64   | 63 - 120    |
| 2,2'-oxybis[1-chloropropane] | ND            |                  | 2080        | 1270      |              | ug/Kg | ☼ | 61   | 22 - 125    |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-140330-5 MS

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 414145

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 2,4,5-Trichlorophenol       | 36            | J                | 2080        | 1500      |              | ug/Kg | ✱ | 70   | 63 - 120    |
| 2,4,6-Trichlorophenol       | 25            | J                | 2080        | 1430      |              | ug/Kg | ✱ | 68   | 58 - 124    |
| 2,4-Dichlorophenol          | ND            | F1               | 2080        | 1310      | F1           | ug/Kg | ✱ | 63   | 64 - 120    |
| 2,4-Dimethylphenol          | ND            | F1               | 2080        | 1220      | F1           | ug/Kg | ✱ | 59   | 63 - 120    |
| 2,4-Dinitrophenol           | ND            | *- cn            | 4150        | 2580      |              | ug/Kg | ✱ | 62   | 36 - 130    |
| 2,4-Dinitrotoluene          | ND            |                  | 2080        | 1460      |              | ug/Kg | ✱ | 70   | 65 - 120    |
| 2,6-Dinitrotoluene          | ND            |                  | 2080        | 1410      |              | ug/Kg | ✱ | 68   | 67 - 120    |
| 2-Chloronaphthalene         | 32            | J                | 2080        | 1370      |              | ug/Kg | ✱ | 64   | 63 - 120    |
| 2-Chlorophenol              | ND            | F1               | 2080        | 1160      | F1           | ug/Kg | ✱ | 56   | 61 - 120    |
| 2-Methylnaphthalene         | 15            | J                | 2080        | 1700      |              | ug/Kg | ✱ | 81   | 61 - 120    |
| 2-Methylphenol              | ND            | F1               | 2080        | 1160      | F1           | ug/Kg | ✱ | 56   | 59 - 120    |
| 2-Nitroaniline              | ND            |                  | 2080        | 1600      |              | ug/Kg | ✱ | 77   | 67 - 120    |
| 2-Nitrophenol               | ND            |                  | 2080        | 1350      |              | ug/Kg | ✱ | 65   | 60 - 120    |
| 3,3'-Dichlorobenzidine      | ND            | F2 F1            | 4150        | 1870      |              | ug/Kg | ✱ | 45   | 23 - 120    |
| 3-Nitroaniline              | ND            | F2 F1            | 2080        | 1100      |              | ug/Kg | ✱ | 53   | 34 - 120    |
| 4,6-Dinitro-2-methylphenol  | ND            | *- cn            | 4150        | 2680      |              | ug/Kg | ✱ | 65   | 55 - 131    |
| 4-Bromophenyl phenyl ether  | 62            |                  | 2080        | 1540      |              | ug/Kg | ✱ | 71   | 66 - 120    |
| 4-Chloro-3-methylphenol     | ND            |                  | 2080        | 1550      |              | ug/Kg | ✱ | 75   | 59 - 120    |
| 4-Chloroaniline             | ND            | F2 F1            | 2080        | 808       |              | ug/Kg | ✱ | 39   | 17 - 120    |
| 4-Chlorophenyl phenyl ether | 41            | J                | 2080        | 1420      |              | ug/Kg | ✱ | 67   | 65 - 120    |
| 4-Methylphenol              | ND            | F1               | 2080        | 1190      | F1           | ug/Kg | ✱ | 57   | 59 - 120    |
| 4-Nitroaniline              | ND            | F1 F2            | 2080        | 995       | F1           | ug/Kg | ✱ | 48   | 60 - 120    |
| 4-Nitrophenol               | ND            |                  | 4150        | 3010      |              | ug/Kg | ✱ | 72   | 41 - 130    |
| Acenaphthene                | 31            |                  | 2080        | 1370      |              | ug/Kg | ✱ | 65   | 65 - 120    |
| Acenaphthylene              | 17            | J                | 2080        | 1470      |              | ug/Kg | ✱ | 70   | 66 - 120    |
| Acetophenone                | ND            |                  | 2080        | 1200      |              | ug/Kg | ✱ | 58   | 56 - 120    |
| Anthracene                  | 58            | F1               | 2080        | 1350      | F1           | ug/Kg | ✱ | 62   | 69 - 120    |
| Atrazine                    | ND            |                  | 2080        | 1620      |              | ug/Kg | ✱ | 78   | 59 - 140    |
| Benzaldehyde                | ND            |                  | 2080        | 1280      |              | ug/Kg | ✱ | 62   | 35 - 120    |
| Benzo[a]anthracene          | 91            | F1               | 2080        | 1480      | F1           | ug/Kg | ✱ | 67   | 68 - 120    |
| Benzo[a]pyrene              | 27            | F1               | 2080        | 1470      | F1           | ug/Kg | ✱ | 69   | 71 - 120    |
| Benzo[b]fluoranthene        | 53            | F1               | 2080        | 1410      | F1           | ug/Kg | ✱ | 65   | 66 - 120    |
| Benzo[g,h,i]perylene        | 20            | J                | 2080        | 1460      |              | ug/Kg | ✱ | 69   | 69 - 120    |
| Benzo[k]fluoranthene        | 41            | F1               | 2080        | 1240      | F1           | ug/Kg | ✱ | 58   | 68 - 120    |
| Butyl benzyl phthalate      | ND            |                  | 2080        | 1730      |              | ug/Kg | ✱ | 83   | 64 - 120    |
| Caprolactam                 | ND            | cn               | 2080        | 1450      |              | ug/Kg | ✱ | 70   | 50 - 120    |
| Carbazole                   | 31            | J F1             | 2080        | 1370      | F1           | ug/Kg | ✱ | 64   | 69 - 120    |
| Chrysene                    | 100           |                  | 2080        | 1560      |              | ug/Kg | ✱ | 70   | 67 - 120    |
| Di-n-butyl phthalate        | ND            |                  | 2080        | 1640      |              | ug/Kg | ✱ | 79   | 67 - 128    |
| Di-n-octyl phthalate        | ND            |                  | 2080        | 1700      |              | ug/Kg | ✱ | 82   | 64 - 128    |
| Dibenz(a,h)anthracene       | 20            | J F1             | 2080        | 1450      | F1           | ug/Kg | ✱ | 69   | 70 - 123    |
| Dibenzofuran                | 60            |                  | 2080        | 1440      |              | ug/Kg | ✱ | 66   | 66 - 120    |
| Diethyl phthalate           | ND            |                  | 2080        | 1450      |              | ug/Kg | ✱ | 70   | 66 - 120    |
| Dimethyl phthalate          | ND            |                  | 2080        | 1410      |              | ug/Kg | ✱ | 68   | 65 - 120    |
| Fluoranthene                | 140           | F1               | 2080        | 1400      | F1           | ug/Kg | ✱ | 61   | 67 - 120    |
| Fluorene                    | 44            |                  | 2080        | 1440      |              | ug/Kg | ✱ | 67   | 67 - 120    |
| Hexachlorobenzene           | 67            | F1               | 2080        | 1330      | F1           | ug/Kg | ✱ | 61   | 64 - 120    |
| Hexachlorobutadiene         | ND            |                  | 2080        | 1250      |              | ug/Kg | ✱ | 60   | 52 - 120    |
| Hexachlorocyclopentadiene   | ND            | F1               | 2080        | ND        | F1           | ug/Kg | ✱ | 0    | 32 - 123    |

Eurofins Lancaster Laboratories Environment Testing, LLC

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-140330-5 MS

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 414145

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Hexachloroethane            | ND            | F1               | 2080        | 991       | F1           | ug/Kg | ✖ | 48   | 54 - 120    |
| Indeno[1,2,3-cd]pyrene      | 24            |                  | 2080        | 1570      |              | ug/Kg | ✖ | 75   | 67 - 122    |
| Isophorone                  | ND            |                  | 2080        | 1490      |              | ug/Kg | ✖ | 72   | 58 - 120    |
| N-Nitrosodi-n-propylamine   | ND            |                  | 2080        | 1370      |              | ug/Kg | ✖ | 66   | 51 - 120    |
| N-Nitrosodiphenylamine      | ND            | F1               | 1770        | 1190      | F1           | ug/Kg | ✖ | 67   | 70 - 120    |
| Naphthalene                 | 9.6           | J F1             | 2080        | 1240      | F1           | ug/Kg | ✖ | 59   | 62 - 120    |
| Nitrobenzene                | ND            |                  | 2080        | 1440      |              | ug/Kg | ✖ | 69   | 50 - 120    |
| Pentachlorophenol           | ND            | cn               | 4150        | 1840      |              | ug/Kg | ✖ | 44   | 41 - 124    |
| Phenanthrene                | 100           | F1               | 2080        | 1340      | F1           | ug/Kg | ✖ | 60   | 69 - 120    |
| Phenol                      | ND            |                  | 2080        | 1280      |              | ug/Kg | ✖ | 62   | 54 - 120    |
| Pyrene                      | 130           | F1               | 2080        | 1440      | F1           | ug/Kg | ✖ | 63   | 69 - 120    |
| Bis(2-chloroethoxy)methane  | ND            |                  | 2080        | 1390      |              | ug/Kg | ✖ | 67   | 53 - 120    |
| Bis(2-chloroethyl)ether     | ND            |                  | 2080        | 1240      |              | ug/Kg | ✖ | 60   | 52 - 120    |
| Bis(2-ethylhexyl) phthalate | ND            |                  | 2080        | 1770      |              | ug/Kg | ✖ | 85   | 65 - 122    |
| Surrogate                   | MS %Recovery  | MS Qualifier     | Limits      |           |              |       |   |      |             |
| 2,4,6-Tribromophenol (Surr) | 55            |                  | 10 - 138    |           |              |       |   |      |             |
| 2-Fluorobiphenyl (Surr)     | 60            |                  | 37 - 120    |           |              |       |   |      |             |
| 2-Fluorophenol (Surr)       | 50            |                  | 22 - 120    |           |              |       |   |      |             |
| Nitrobenzene-d5 (Surr)      | 64            |                  | 26 - 120    |           |              |       |   |      |             |
| p-Terphenyl-d14 (Surr)      | 69            |                  | 40 - 133    |           |              |       |   |      |             |
| Phenol-d5 (Surr)            | 54            |                  | 27 - 120    |           |              |       |   |      |             |

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 414145

| Analyte                      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 1,1'-Biphenyl                | 23            | J                | 2090        | 1450       |               | ug/Kg | ✖ | 68   | 63 - 120    | 7   | 30        |
| 2,2'-oxybis[1-chloropropane] | ND            |                  | 2090        | 1450       |               | ug/Kg | ✖ | 69   | 22 - 125    | 13  | 30        |
| 2,4,5-Trichlorophenol        | 36            | J                | 2090        | 1610       |               | ug/Kg | ✖ | 75   | 63 - 120    | 7   | 30        |
| 2,4,6-Trichlorophenol        | 25            | J                | 2090        | 1590       |               | ug/Kg | ✖ | 75   | 58 - 124    | 10  | 30        |
| 2,4-Dichlorophenol           | ND            | F1               | 2090        | 1380       |               | ug/Kg | ✖ | 66   | 64 - 120    | 6   | 30        |
| 2,4-Dimethylphenol           | ND            | F1               | 2090        | 1260       | F1            | ug/Kg | ✖ | 60   | 63 - 120    | 3   | 30        |
| 2,4-Dinitrophenol            | ND            | *- cn            | 4190        | 2200       |               | ug/Kg | ✖ | 53   | 36 - 130    | 16  | 30        |
| 2,4-Dinitrotoluene           | ND            |                  | 2090        | 1530       |               | ug/Kg | ✖ | 73   | 65 - 120    | 4   | 30        |
| 2,6-Dinitrotoluene           | ND            |                  | 2090        | 1510       |               | ug/Kg | ✖ | 72   | 67 - 120    | 7   | 30        |
| 2-Chloronaphthalene          | 32            | J                | 2090        | 1500       |               | ug/Kg | ✖ | 70   | 63 - 120    | 9   | 30        |
| 2-Chlorophenol               | ND            | F1               | 2090        | 1290       |               | ug/Kg | ✖ | 62   | 61 - 120    | 11  | 30        |
| 2-Methylnaphthalene          | 15            | J                | 2090        | 1800       |               | ug/Kg | ✖ | 85   | 61 - 120    | 6   | 30        |
| 2-Methylphenol               | ND            | F1               | 2090        | 1300       |               | ug/Kg | ✖ | 62   | 59 - 120    | 12  | 30        |
| 2-Nitroaniline               | ND            |                  | 2090        | 1720       |               | ug/Kg | ✖ | 82   | 67 - 120    | 7   | 30        |
| 2-Nitrophenol                | ND            |                  | 2090        | 1430       |               | ug/Kg | ✖ | 68   | 60 - 120    | 5   | 30        |
| 3,3'-Dichlorobenzidine       | ND            | F2 F1            | 4190        | 673        | F1 F2         | ug/Kg | ✖ | 16   | 23 - 120    | 94  | 30        |
| 3-Nitroaniline               | ND            | F2 F1            | 2090        | 519        | F1 F2         | ug/Kg | ✖ | 25   | 34 - 120    | 72  | 30        |
| 4,6-Dinitro-2-methylphenol   | ND            | *- cn            | 4190        | 2570       |               | ug/Kg | ✖ | 61   | 55 - 131    | 4   | 30        |
| 4-Bromophenyl phenyl ether   | 62            |                  | 2090        | 1620       |               | ug/Kg | ✖ | 75   | 66 - 120    | 5   | 30        |
| 4-Chloro-3-methylphenol      | ND            |                  | 2090        | 1550       |               | ug/Kg | ✖ | 74   | 59 - 120    | 0   | 30        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 414145

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 4-Chloroaniline             | ND            | F2 F1            | 2090        | 193        | J F1 F2       | ug/Kg | ✱ | 9    | 17 - 120    | 123 | 30        |
| 4-Chlorophenyl phenyl ether | 41            | J                | 2090        | 1510       |               | ug/Kg | ✱ | 70   | 65 - 120    | 6   | 30        |
| 4-Methylphenol              | ND            | F1               | 2090        | 1290       |               | ug/Kg | ✱ | 62   | 59 - 120    | 8   | 30        |
| 4-Nitroaniline              | ND            | F1 F2            | 2090        | 655        | F1 F2         | ug/Kg | ✱ | 31   | 60 - 120    | 41  | 30        |
| 4-Nitrophenol               | ND            |                  | 4190        | 3190       |               | ug/Kg | ✱ | 76   | 41 - 130    | 6   | 30        |
| Acenaphthene                | 31            |                  | 2090        | 1490       |               | ug/Kg | ✱ | 70   | 65 - 120    | 8   | 30        |
| Acenaphthylene              | 17            | J                | 2090        | 1550       |               | ug/Kg | ✱ | 73   | 66 - 120    | 5   | 30        |
| Acetophenone                | ND            |                  | 2090        | 1360       |               | ug/Kg | ✱ | 65   | 56 - 120    | 12  | 30        |
| Anthracene                  | 58            | F1               | 2090        | 1430       | F1            | ug/Kg | ✱ | 66   | 69 - 120    | 6   | 30        |
| Atrazine                    | ND            |                  | 2090        | 1670       |               | ug/Kg | ✱ | 80   | 59 - 140    | 3   | 30        |
| Benzaldehyde                | ND            |                  | 2090        | 1500       |               | ug/Kg | ✱ | 72   | 35 - 120    | 16  | 30        |
| Benzo[a]anthracene          | 91            | F1               | 2090        | 1640       |               | ug/Kg | ✱ | 74   | 68 - 120    | 10  | 30        |
| Benzo[a]pyrene              | 27            | F1               | 2090        | 1500       | F1            | ug/Kg | ✱ | 70   | 71 - 120    | 2   | 30        |
| Benzo[b]fluoranthene        | 53            | F1               | 2090        | 1430       |               | ug/Kg | ✱ | 66   | 66 - 120    | 1   | 30        |
| Benzo[g,h,i]perylene        | 20            | J                | 2090        | 1590       |               | ug/Kg | ✱ | 75   | 69 - 120    | 9   | 30        |
| Benzo[k]fluoranthene        | 41            | F1               | 2090        | 1370       | F1            | ug/Kg | ✱ | 63   | 68 - 120    | 10  | 30        |
| Butyl benzyl phthalate      | ND            |                  | 2090        | 1900       |               | ug/Kg | ✱ | 91   | 64 - 120    | 9   | 30        |
| Caprolactam                 | ND            | cn               | 2090        | 1580       |               | ug/Kg | ✱ | 76   | 50 - 120    | 9   | 30        |
| Carbazole                   | 31            | J F1             | 2090        | 1420       | F1            | ug/Kg | ✱ | 66   | 69 - 120    | 4   | 30        |
| Chrysene                    | 100           |                  | 2090        | 1670       |               | ug/Kg | ✱ | 75   | 67 - 120    | 7   | 30        |
| Di-n-butyl phthalate        | ND            |                  | 2090        | 1730       |               | ug/Kg | ✱ | 83   | 67 - 128    | 5   | 30        |
| Di-n-octyl phthalate        | ND            |                  | 2090        | 1830       |               | ug/Kg | ✱ | 87   | 64 - 128    | 7   | 30        |
| Dibenz(a,h)anthracene       | 20            | J F1             | 2090        | 1530       |               | ug/Kg | ✱ | 72   | 70 - 123    | 6   | 30        |
| Dibenzofuran                | 60            |                  | 2090        | 1520       |               | ug/Kg | ✱ | 70   | 66 - 120    | 6   | 30        |
| Diethyl phthalate           | ND            |                  | 2090        | 1600       |               | ug/Kg | ✱ | 76   | 66 - 120    | 9   | 30        |
| Dimethyl phthalate          | ND            |                  | 2090        | 1490       |               | ug/Kg | ✱ | 71   | 65 - 120    | 6   | 30        |
| Fluoranthene                | 140           | F1               | 2090        | 1510       | F1            | ug/Kg | ✱ | 66   | 67 - 120    | 8   | 30        |
| Fluorene                    | 44            |                  | 2090        | 1510       |               | ug/Kg | ✱ | 70   | 67 - 120    | 5   | 30        |
| Hexachlorobenzene           | 67            | F1               | 2090        | 1410       |               | ug/Kg | ✱ | 64   | 64 - 120    | 6   | 30        |
| Hexachlorobutadiene         | ND            |                  | 2090        | 1380       |               | ug/Kg | ✱ | 66   | 52 - 120    | 10  | 30        |
| Hexachlorocyclopentadiene   | ND            | F1               | 2090        | ND         | F1            | ug/Kg | ✱ | 0    | 32 - 123    | NC  | 30        |
| Hexachloroethane            | ND            | F1               | 2090        | 1040       | F1            | ug/Kg | ✱ | 49   | 54 - 120    | 4   | 30        |
| Indeno[1,2,3-cd]pyrene      | 24            |                  | 2090        | 1690       |               | ug/Kg | ✱ | 80   | 67 - 122    | 7   | 30        |
| Isophorone                  | ND            |                  | 2090        | 1600       |               | ug/Kg | ✱ | 77   | 58 - 120    | 7   | 30        |
| N-Nitrosodi-n-propylamine   | ND            |                  | 2090        | 1490       |               | ug/Kg | ✱ | 71   | 51 - 120    | 9   | 30        |
| N-Nitrosodiphenylamine      | ND            | F1               | 1780        | 1270       |               | ug/Kg | ✱ | 72   | 70 - 120    | 7   | 30        |
| Naphthalene                 | 9.6           | J F1             | 2090        | 1320       |               | ug/Kg | ✱ | 62   | 62 - 120    | 6   | 30        |
| Nitrobenzene                | ND            |                  | 2090        | 1590       |               | ug/Kg | ✱ | 76   | 50 - 120    | 10  | 30        |
| Pentachlorophenol           | ND            | cn               | 4190        | 1790       |               | ug/Kg | ✱ | 43   | 41 - 124    | 3   | 30        |
| Phenanthrene                | 100           | F1               | 2090        | 1420       | F1            | ug/Kg | ✱ | 63   | 69 - 120    | 5   | 30        |
| Phenol                      | ND            |                  | 2090        | 1400       |               | ug/Kg | ✱ | 67   | 54 - 120    | 9   | 30        |
| Pyrene                      | 130           | F1               | 2090        | 1560       | F1            | ug/Kg | ✱ | 68   | 69 - 120    | 8   | 30        |
| Bis(2-chloroethoxy)methane  | ND            |                  | 2090        | 1500       |               | ug/Kg | ✱ | 72   | 53 - 120    | 8   | 30        |
| Bis(2-chloroethyl)ether     | ND            |                  | 2090        | 1470       |               | ug/Kg | ✱ | 70   | 52 - 120    | 17  | 30        |
| Bis(2-ethylhexyl) phthalate | ND            |                  | 2090        | 1920       |               | ug/Kg | ✱ | 92   | 65 - 122    | 8   | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 60            |               | 10 - 138 |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 414550

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 414145

|                         | MSD       | MSD       |          |
|-------------------------|-----------|-----------|----------|
| Surrogate               | %Recovery | Qualifier | Limits   |
| 2-Fluorobiphenyl (Surr) | 63        |           | 37 - 120 |
| 2-Fluorophenol (Surr)   | 56        |           | 22 - 120 |
| Nitrobenzene-d5 (Surr)  | 69        |           | 26 - 120 |
| p-Terphenyl-d14 (Surr)  | 74        |           | 40 - 133 |
| Phenol-d5 (Surr)        | 59        |           | 27 - 120 |

## Method: 6010D - Metals (ICP)

Lab Sample ID: MB 410-413036/1-A

Matrix: Solid

Analysis Batch: 413362

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413036

| Analyte | MB     | MB        |  | RL  | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|--|-----|-----|-------|---|----------------|----------------|---------|
|         | Result | Qualifier |  |     |     |       |   |                |                |         |
| Lithium | ND     |           |  | 5.0 | 2.0 | mg/Kg |   | 08/27/23 20:21 | 08/28/23 08:41 | 1       |

Lab Sample ID: LCS 410-413036/2-A

Matrix: Solid

Analysis Batch: 413362

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 413036

| Analyte | Spike | LCS    | LCS       |       | %Rec   |          |
|---------|-------|--------|-----------|-------|--------|----------|
|         | Added | Result | Qualifier | Unit  | Limits |          |
| Lithium | 50.0  | 51.7   |           | mg/Kg | 103    | 80 - 120 |

Lab Sample ID: 410-140330-5 MS

Matrix: Solid

Analysis Batch: 413536

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte | Sample | Sample    | Spike | MS     | MS        |       | %Rec   |          |
|---------|--------|-----------|-------|--------|-----------|-------|--------|----------|
|         | Result | Qualifier | Added | Result | Qualifier | Unit  | Limits |          |
| Lithium | 22     |           | 60.1  | 81.1   |           | mg/Kg | 97     | 75 - 125 |

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 413536

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte | Sample | Sample    | Spike | MSD    | MSD       |       | %Rec   | RPD      | RPD   |
|---------|--------|-----------|-------|--------|-----------|-------|--------|----------|-------|
|         | Result | Qualifier | Added | Result | Qualifier | Unit  | Limits | 1        | Limit |
| Lithium | 22     |           | 55.4  | 80.3   |           | mg/Kg | 104    | 75 - 125 | 20    |

Lab Sample ID: 410-140330-5 DU

Matrix: Solid

Analysis Batch: 413536

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte | Sample | Sample    |  | DU     | DU        |       | RPD | RPD | Limit |
|---------|--------|-----------|--|--------|-----------|-------|-----|-----|-------|
|         | Result | Qualifier |  | Result | Qualifier | Unit  | 10  |     |       |
| Lithium | 22     |           |  | 24.9   |           | mg/Kg |     |     | 20    |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-413036/1-A ^2  
Matrix: Solid  
Analysis Batch: 415109

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 413036

| Analyte   | MB<br>Result | MB<br>Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------------|-----------------|------|-------|-------|---|----------------|----------------|---------|
| Aluminum  | ND           |                 | 20   | 9.9   | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Antimony  | ND           |                 | 0.20 | 0.080 | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Arsenic   | ND           |                 | 0.40 | 0.13  | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Barium    | ND           |                 | 0.40 | 0.18  | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Beryllium | ND           |                 | 0.10 | 0.024 | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Cadmium   | ND           |                 | 0.10 | 0.040 | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Calcium   | ND           |                 | 40   | 20    | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Chromium  | ND           |                 | 0.40 | 0.19  | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Cobalt    | ND           |                 | 0.20 | 0.080 | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Copper    | ND           |                 | 0.40 | 0.18  | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Iron      | ND           |                 | 20   | 9.2   | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Lead      | ND           |                 | 0.20 | 0.076 | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Magnesium | ND           |                 | 10   | 4.9   | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Manganese | ND           |                 | 0.40 | 0.20  | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Nickel    | ND           |                 | 0.40 | 0.19  | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Potassium | ND           |                 | 40   | 16    | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Selenium  | ND           |                 | 0.40 | 0.10  | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Silver    | ND           |                 | 0.10 | 0.041 | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Sodium    | ND           |                 | 50   | 24    | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Thallium  | ND           |                 | 0.10 | 0.039 | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Zinc      | ND           |                 | 30   | 4.0   | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |
| Vanadium  | ND           |                 | 0.80 | 0.20  | mg/Kg |   | 08/27/23 20:21 | 08/31/23 16:46 | 2       |

Lab Sample ID: LCS 410-413036/2-A ^2  
Matrix: Solid  
Analysis Batch: 415109

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 413036

| Analyte   | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|-----------|----------------|---------------|------------------|-------|---|------|----------------|
| Aluminum  | 500            | 514           |                  | mg/Kg |   | 103  | 80 - 120       |
| Antimony  | 10.0           | 10.6          |                  | mg/Kg |   | 106  | 80 - 120       |
| Arsenic   | 50.0           | 51.5          |                  | mg/Kg |   | 103  | 80 - 120       |
| Barium    | 50.0           | 52.5          |                  | mg/Kg |   | 105  | 80 - 120       |
| Beryllium | 5.00           | 5.17          |                  | mg/Kg |   | 103  | 80 - 120       |
| Cadmium   | 5.00           | 5.20          |                  | mg/Kg |   | 104  | 80 - 120       |
| Calcium   | 500            | 520           |                  | mg/Kg |   | 104  | 80 - 120       |
| Chromium  | 50.0           | 51.1          |                  | mg/Kg |   | 102  | 80 - 120       |
| Cobalt    | 50.0           | 50.5          |                  | mg/Kg |   | 101  | 80 - 120       |
| Copper    | 50.0           | 50.5          |                  | mg/Kg |   | 101  | 80 - 120       |
| Iron      | 500            | 522           |                  | mg/Kg |   | 104  | 80 - 120       |
| Lead      | 5.00           | 5.21          |                  | mg/Kg |   | 104  | 80 - 120       |
| Magnesium | 500            | 513           |                  | mg/Kg |   | 103  | 80 - 120       |
| Manganese | 50.0           | 51.1          |                  | mg/Kg |   | 102  | 80 - 120       |
| Nickel    | 50.0           | 51.4          |                  | mg/Kg |   | 103  | 80 - 120       |
| Potassium | 500            | 509           |                  | mg/Kg |   | 102  | 80 - 120       |
| Selenium  | 10.0           | 10.5          |                  | mg/Kg |   | 105  | 80 - 120       |
| Silver    | 5.00           | 5.35          |                  | mg/Kg |   | 107  | 80 - 120       |
| Sodium    | 500            | 495           |                  | mg/Kg |   | 99   | 80 - 120       |
| Thallium  | 10.0           | 10.5          |                  | mg/Kg |   | 105  | 80 - 120       |
| Zinc      | 50.0           | 51.4          |                  | mg/Kg |   | 103  | 80 - 120       |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-413036/2-A ^2

Matrix: Solid

Analysis Batch: 415109

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 413036

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Vanadium | 50.0        | 51.1       |               | mg/Kg |   | 102  | 80 - 120    |

Lab Sample ID: 410-140330-5 MS

Matrix: Solid

Analysis Batch: 415109

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Antimony  | ND            | F1               | 12.0        | 8.90      | F1           | mg/Kg | ✱ | 74   | 75 - 125    |
| Arsenic   | 3.7           |                  | 60.1        | 62.7      |              | mg/Kg | ✱ | 98   | 75 - 125    |
| Beryllium | 1.3           |                  | 6.01        | 7.92      |              | mg/Kg | ✱ | 111  | 75 - 125    |
| Cadmium   | 0.36          |                  | 6.01        | 6.36      |              | mg/Kg | ✱ | 100  | 75 - 125    |
| Calcium   | 5700          |                  | 601         | 6320      | 4            | mg/Kg | ✱ | 102  | 75 - 125    |
| Chromium  | 40            | F1               | 60.1        | 110       |              | mg/Kg | ✱ | 117  | 75 - 125    |
| Cobalt    | 14            |                  | 60.1        | 68.8      |              | mg/Kg | ✱ | 91   | 75 - 125    |
| Copper    | 21            |                  | 60.1        | 81.5      |              | mg/Kg | ✱ | 100  | 75 - 125    |
| Lead      | 11            | F1               | 6.01        | 16.5      |              | mg/Kg | ✱ | 95   | 75 - 125    |
| Magnesium | 6800          |                  | 601         | 9190      | 4            | mg/Kg | ✱ | 392  | 75 - 125    |
| Nickel    | 39            |                  | 60.1        | 91.5      |              | mg/Kg | ✱ | 87   | 75 - 125    |
| Potassium | 5800          |                  | 601         | 10200     | 4            | mg/Kg | ✱ | 729  | 75 - 125    |
| Selenium  | 0.18          | J                | 12.0        | 12.7      |              | mg/Kg | ✱ | 104  | 75 - 125    |
| Silver    | 0.096         |                  | 6.01        | 6.25      |              | mg/Kg | ✱ | 102  | 75 - 125    |
| Sodium    | 190           |                  | 601         | 814       |              | mg/Kg | ✱ | 104  | 75 - 125    |
| Thallium  | 0.34          |                  | 12.0        | 12.6      |              | mg/Kg | ✱ | 102  | 75 - 125    |
| Zinc      | 62            |                  | 60.1        | 128       |              | mg/Kg | ✱ | 111  | 75 - 125    |
| Vanadium  | 57            | F1               | 60.1        | 130       |              | mg/Kg | ✱ | 123  | 75 - 125    |

Lab Sample ID: 410-140330-5 MS

Matrix: Solid

Analysis Batch: 415109

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec  | %Rec Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|-------|---|-------|-------------|
| Aluminum  | 34000         | ^2               | 601         | 50100     | 4            | mg/Kg | ✱ | 2765  | 75 - 125    |
| Barium    | 290           |                  | 60.1        | 401       | 4            | mg/Kg | ✱ | 180   | 75 - 125    |
| Iron      | 32000         | ^2               | 601         | 39900     | 4            | mg/Kg | ✱ | 1379  | 75 - 125    |
| Manganese | 1400          | ^2 F2            | 60.1        | 592       | 4            | mg/Kg | ✱ | -1396 | 75 - 125    |

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 415109

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Antimony  | ND            | F1               | 11.1        | 7.83       | F1            | mg/Kg | ✱ | 71   | 75 - 125    | 13  | 20        |
| Arsenic   | 3.7           |                  | 55.4        | 60.7       |               | mg/Kg | ✱ | 103  | 75 - 125    | 3   | 20        |
| Beryllium | 1.3           |                  | 5.54        | 7.70       |               | mg/Kg | ✱ | 116  | 75 - 125    | 3   | 20        |
| Cadmium   | 0.36          |                  | 5.54        | 6.14       |               | mg/Kg | ✱ | 104  | 75 - 125    | 4   | 20        |
| Calcium   | 5700          |                  | 554         | 6040       | 4             | mg/Kg | ✱ | 60   | 75 - 125    | 5   | 20        |
| Chromium  | 40            | F1               | 55.4        | 111        | F1            | mg/Kg | ✱ | 130  | 75 - 125    | 1   | 20        |
| Cobalt    | 14            |                  | 55.4        | 72.3       |               | mg/Kg | ✱ | 105  | 75 - 125    | 5   | 20        |
| Copper    | 21            |                  | 55.4        | 78.7       |               | mg/Kg | ✱ | 104  | 75 - 125    | 4   | 20        |

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# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 415109

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Lead      | 11            | F1               | 5.54        | 18.5       | F1            | mg/Kg | ✖ | 140  | 75 - 125    | 12  | 20        |
| Magnesium | 6800          |                  | 554         | 9270       | 4             | mg/Kg | ✖ | 439  | 75 - 125    | 1   | 20        |
| Nickel    | 39            |                  | 55.4        | 88.4       |               | mg/Kg | ✖ | 89   | 75 - 125    | 3   | 20        |
| Potassium | 5800          |                  | 554         | 10100      | 4             | mg/Kg | ✖ | 768  | 75 - 125    | 1   | 20        |
| Selenium  | 0.18          | J                | 11.1        | 12.3       |               | mg/Kg | ✖ | 110  | 75 - 125    | 3   | 20        |
| Silver    | 0.096         |                  | 5.54        | 5.94       |               | mg/Kg | ✖ | 106  | 75 - 125    | 5   | 20        |
| Sodium    | 190           |                  | 554         | 778        |               | mg/Kg | ✖ | 106  | 75 - 125    | 5   | 20        |
| Thallium  | 0.34          |                  | 11.1        | 12.3       |               | mg/Kg | ✖ | 108  | 75 - 125    | 3   | 20        |
| Zinc      | 62            |                  | 55.4        | 130        |               | mg/Kg | ✖ | 123  | 75 - 125    | 1   | 20        |
| Vanadium  | 57            | F1               | 55.4        | 135        | F1            | mg/Kg | ✖ | 141  | 75 - 125    | 3   | 20        |

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 415109

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Aluminum  | 34000         | ^2               | 554         | 50100      | 4             | mg/Kg | ✖ | 2991 | 75 - 125    | 0   | 20        |
| Barium    | 290           |                  | 55.4        | 383        | 4             | mg/Kg | ✖ | 164  | 75 - 125    | 4   | 20        |
| Iron      | 32000         | ^2               | 554         | 39000      | 4             | mg/Kg | ✖ | 1332 | 75 - 125    | 2   | 20        |
| Manganese | 1400          | ^2 F2            | 55.4        | 923        | 4 F2          | mg/Kg | ✖ | -918 | 75 - 125    | 44  | 20        |

Lab Sample ID: 410-140330-5 DU

Matrix: Solid

Analysis Batch: 415109

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte   | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|-----------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Antimony  | ND            | F1               | ND        |              | mg/Kg | ✖ | NC  | 20        |
| Arsenic   | 3.7           |                  | 3.50      |              | mg/Kg | ✖ | 6   | 20        |
| Beryllium | 1.3           |                  | 1.32      |              | mg/Kg | ✖ | 3   | 20        |
| Cadmium   | 0.36          |                  | 0.187     | F3           | mg/Kg | ✖ | 64  | 20        |
| Calcium   | 5700          |                  | 5950      |              | mg/Kg | ✖ | 4   | 20        |
| Chromium  | 40            | F1               | 41.1      |              | mg/Kg | ✖ | 4   | 20        |
| Cobalt    | 14            |                  | 11.2      | F3           | mg/Kg | ✖ | 25  | 20        |
| Copper    | 21            |                  | 20.4      |              | mg/Kg | ✖ | 4   | 20        |
| Lead      | 11            | F1               | 12.2      |              | mg/Kg | ✖ | 12  | 20        |
| Magnesium | 6800          |                  | 7210      |              | mg/Kg | ✖ | 5   | 20        |
| Nickel    | 39            |                  | 29.1      | F3           | mg/Kg | ✖ | 30  | 20        |
| Potassium | 5800          |                  | 5670      |              | mg/Kg | ✖ | 2   | 20        |
| Selenium  | 0.18          | J                | 0.194     | J            | mg/Kg | ✖ | 6   | 20        |
| Silver    | 0.096         |                  | 0.0823    | J            | mg/Kg | ✖ | 15  | 20        |
| Sodium    | 190           |                  | 209       |              | mg/Kg | ✖ | 9   | 20        |
| Thallium  | 0.34          |                  | 0.319     |              | mg/Kg | ✖ | 6   | 20        |
| Zinc      | 62            |                  | 67.8      |              | mg/Kg | ✖ | 9   | 20        |
| Vanadium  | 57            | F1               | 60.5      |              | mg/Kg | ✖ | 7   | 20        |

# QC Sample Results

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-140330-5 DU

Matrix: Solid

Analysis Batch: 415109

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413036

| Analyte   | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | Limit |
|-----------|---------------|------------------|-----------|--------------|-------|---|-----|-------|
| Aluminum  | 34000         | ^2               | 34500     |              | mg/Kg | ✱ | 3   | 20    |
| Barium    | 290           |                  | 245       |              | mg/Kg | ✱ | 18  | 20    |
| Iron      | 32000         | ^2               | 32800     |              | mg/Kg | ✱ | 4   | 20    |
| Manganese | 1400          | ^2 F2            | 616       | F3           | mg/Kg | ✱ | 80  | 20    |

## Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-413066/1-A

Matrix: Solid

Analysis Batch: 413871

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 413066

| Analyte | MB Result | MB Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-------|-------|-------|---|----------------|----------------|---------|
| Mercury | ND        |              | 0.036 | 0.012 | mg/Kg |   | 08/28/23 05:53 | 08/29/23 12:50 | 1       |

Lab Sample ID: LCS 410-413066/2-A

Matrix: Solid

Analysis Batch: 413871

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 413066

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|------------|---------------|-------|---|------|-------------|
| Mercury | 0.100       | 0.104      |               | mg/Kg |   | 104  | 80 - 120    |

Lab Sample ID: 410-140330-5 MS

Matrix: Solid

Analysis Batch: 413871

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413066

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Mercury | 0.044         | J                | 0.204       | 0.275     |              | mg/Kg | ✱ | 114  | 80 - 120    |

Lab Sample ID: 410-140330-5 MSD

Matrix: Solid

Analysis Batch: 413871

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413066

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-------|
| Mercury | 0.044         | J                | 0.197       | 0.256      |               | mg/Kg | ✱ | 107  | 80 - 120    | 7   | 20    |

Lab Sample ID: 410-140330-5 DU

Matrix: Solid

Analysis Batch: 413871

Client Sample ID: TP-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 413066

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-------|
| Mercury | 0.044         | J                | 0.0517    | J            | mg/Kg | ✱ | 17  | 20    |

# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## GC/MS VOA

### Prep Batch: 412993

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 410-140330-1     | TP-3 (1-1.5)     | Total/NA  | Solid  | 5035   |            |
| 410-140330-2     | TP-3 (4-4.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140330-3     | TP-2 (1-1.25)    | Total/NA  | Solid  | 5035   |            |
| 410-140330-4     | TP-2 (5.5-6)     | Total/NA  | Solid  | 5035   |            |
| 410-140330-5     | TP-1 (1-1.5)     | Total/NA  | Solid  | 5035   |            |
| 410-140330-6     | TP-4 (0.33-1.33) | Total/NA  | Solid  | 5035   |            |
| 410-140330-7     | TP-4 (5.5-6.5)   | Total/NA  | Solid  | 5035   |            |
| 410-140330-8     | TP-5 (1.17-2.17) | Total/NA  | Solid  | 5035   |            |
| 410-140330-9     | TP-5 (7.5-8.5)   | Total/NA  | Solid  | 5035   |            |
| 410-140330-5 MS  | TP-1 (1-1.5)     | Total/NA  | Solid  | 5035   |            |
| 410-140330-5 MSD | TP-1 (1-1.5)     | Total/NA  | Solid  | 5035   |            |

### Analysis Batch: 413639

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 410-140330-1      | TP-3 (1-1.5)           | Total/NA  | Solid  | 8260D  | 412993     |
| 410-140330-2      | TP-3 (4-4.25)          | Total/NA  | Solid  | 8260D  | 412993     |
| 410-140330-3      | TP-2 (1-1.25)          | Total/NA  | Solid  | 8260D  | 412993     |
| 410-140330-4      | TP-2 (5.5-6)           | Total/NA  | Solid  | 8260D  | 412993     |
| MB 410-413639/7   | Method Blank           | Total/NA  | Solid  | 8260D  |            |
| LCS 410-413639/4  | Lab Control Sample     | Total/NA  | Solid  | 8260D  |            |
| LCSD 410-413639/5 | Lab Control Sample Dup | Total/NA  | Solid  | 8260D  |            |

### Analysis Batch: 413977

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 410-140330-5      | TP-1 (1-1.5)           | Total/NA  | Solid  | 8260D  | 412993     |
| 410-140330-6      | TP-4 (0.33-1.33)       | Total/NA  | Solid  | 8260D  | 412993     |
| 410-140330-7      | TP-4 (5.5-6.5)         | Total/NA  | Solid  | 8260D  | 412993     |
| 410-140330-8      | TP-5 (1.17-2.17)       | Total/NA  | Solid  | 8260D  | 412993     |
| MB 410-413977/7   | Method Blank           | Total/NA  | Solid  | 8260D  |            |
| LCS 410-413977/4  | Lab Control Sample     | Total/NA  | Solid  | 8260D  |            |
| LCSD 410-413977/5 | Lab Control Sample Dup | Total/NA  | Solid  | 8260D  |            |
| 410-140330-5 MS   | TP-1 (1-1.5)           | Total/NA  | Solid  | 8260D  | 412993     |
| 410-140330-5 MSD  | TP-1 (1-1.5)           | Total/NA  | Solid  | 8260D  | 412993     |

### Analysis Batch: 414509

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 410-140330-10    | TB-20230824        | Total/NA  | Water  | 8260D  |            |
| MB 410-414509/7  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 410-414509/5 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

### Analysis Batch: 414605

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 410-140330-9      | TP-5 (7.5-8.5)         | Total/NA  | Solid  | 8260D  | 412993     |
| MB 410-414605/7   | Method Blank           | Total/NA  | Solid  | 8260D  |            |
| LCS 410-414605/4  | Lab Control Sample     | Total/NA  | Solid  | 8260D  |            |
| LCSD 410-414605/5 | Lab Control Sample Dup | Total/NA  | Solid  | 8260D  |            |

# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## GC/MS Semi VOA

### Prep Batch: 414145

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140330-1       | TP-3 (1-1.5)       | Total/NA  | Solid  | 3546   |            |
| 410-140330-2       | TP-3 (4-4.25)      | Total/NA  | Solid  | 3546   |            |
| 410-140330-3       | TP-2 (1-1.25)      | Total/NA  | Solid  | 3546   |            |
| 410-140330-4       | TP-2 (5.5-6)       | Total/NA  | Solid  | 3546   |            |
| 410-140330-5       | TP-1 (1-1.5)       | Total/NA  | Solid  | 3546   |            |
| 410-140330-6       | TP-4 (0.33-1.33)   | Total/NA  | Solid  | 3546   |            |
| 410-140330-7       | TP-4 (5.5-6.5)     | Total/NA  | Solid  | 3546   |            |
| 410-140330-8       | TP-5 (1.17-2.17)   | Total/NA  | Solid  | 3546   |            |
| 410-140330-9       | TP-5 (7.5-8.5)     | Total/NA  | Solid  | 3546   |            |
| MB 410-414145/1-A  | Method Blank       | Total/NA  | Solid  | 3546   |            |
| LCS 410-414145/2-A | Lab Control Sample | Total/NA  | Solid  | 3546   |            |
| 410-140330-5 MS    | TP-1 (1-1.5)       | Total/NA  | Solid  | 3546   |            |
| 410-140330-5 MSD   | TP-1 (1-1.5)       | Total/NA  | Solid  | 3546   |            |

### Analysis Batch: 414550

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140330-1       | TP-3 (1-1.5)       | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-2       | TP-3 (4-4.25)      | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-3       | TP-2 (1-1.25)      | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-4       | TP-2 (5.5-6)       | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-5       | TP-1 (1-1.5)       | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-6       | TP-4 (0.33-1.33)   | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-7       | TP-4 (5.5-6.5)     | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-8       | TP-5 (1.17-2.17)   | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-9       | TP-5 (7.5-8.5)     | Total/NA  | Solid  | 8270E  | 414145     |
| MB 410-414145/1-A  | Method Blank       | Total/NA  | Solid  | 8270E  | 414145     |
| LCS 410-414145/2-A | Lab Control Sample | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-5 MS    | TP-1 (1-1.5)       | Total/NA  | Solid  | 8270E  | 414145     |
| 410-140330-5 MSD   | TP-1 (1-1.5)       | Total/NA  | Solid  | 8270E  | 414145     |

### Analysis Batch: 415076

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 410-140330-5  | TP-1 (1-1.5)     | Total/NA  | Solid  | 8270E  | 414145     |

## Metals

### Prep Batch: 413036

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-140330-1          | TP-3 (1-1.5)       | Total/NA  | Solid  | 3050B  |            |
| 410-140330-2          | TP-3 (4-4.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-140330-3          | TP-2 (1-1.25)      | Total/NA  | Solid  | 3050B  |            |
| 410-140330-4          | TP-2 (5.5-6)       | Total/NA  | Solid  | 3050B  |            |
| 410-140330-5          | TP-1 (1-1.5)       | Total/NA  | Solid  | 3050B  |            |
| 410-140330-6          | TP-4 (0.33-1.33)   | Total/NA  | Solid  | 3050B  |            |
| 410-140330-7          | TP-4 (5.5-6.5)     | Total/NA  | Solid  | 3050B  |            |
| 410-140330-8          | TP-5 (1.17-2.17)   | Total/NA  | Solid  | 3050B  |            |
| 410-140330-9          | TP-5 (7.5-8.5)     | Total/NA  | Solid  | 3050B  |            |
| MB 410-413036/1-A     | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| MB 410-413036/1-A ^2  | Method Blank       | Total/NA  | Solid  | 3050B  |            |
| LCS 410-413036/2-A    | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |
| LCS 410-413036/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 3050B  |            |

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# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Metals (Continued)

### Prep Batch: 413036 (Continued)

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 410-140330-5 MS  | TP-1 (1-1.5)     | Total/NA  | Solid  | 3050B  |            |
| 410-140330-5 MSD | TP-1 (1-1.5)     | Total/NA  | Solid  | 3050B  |            |
| 410-140330-5 DU  | TP-1 (1-1.5)     | Total/NA  | Solid  | 3050B  |            |

### Prep Batch: 413066

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140330-1       | TP-3 (1-1.5)       | Total/NA  | Solid  | 7471B  |            |
| 410-140330-2       | TP-3 (4-4.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140330-3       | TP-2 (1-1.25)      | Total/NA  | Solid  | 7471B  |            |
| 410-140330-4       | TP-2 (5.5-6)       | Total/NA  | Solid  | 7471B  |            |
| 410-140330-5       | TP-1 (1-1.5)       | Total/NA  | Solid  | 7471B  |            |
| 410-140330-6       | TP-4 (0.33-1.33)   | Total/NA  | Solid  | 7471B  |            |
| 410-140330-7       | TP-4 (5.5-6.5)     | Total/NA  | Solid  | 7471B  |            |
| 410-140330-8       | TP-5 (1.17-2.17)   | Total/NA  | Solid  | 7471B  |            |
| 410-140330-9       | TP-5 (7.5-8.5)     | Total/NA  | Solid  | 7471B  |            |
| MB 410-413066/1-A  | Method Blank       | Total/NA  | Solid  | 7471B  |            |
| LCS 410-413066/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| 410-140330-5 MS    | TP-1 (1-1.5)       | Total/NA  | Solid  | 7471B  |            |
| 410-140330-5 MSD   | TP-1 (1-1.5)       | Total/NA  | Solid  | 7471B  |            |
| 410-140330-5 DU    | TP-1 (1-1.5)       | Total/NA  | Solid  | 7471B  |            |

### Analysis Batch: 413362

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140330-1       | TP-3 (1-1.5)       | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-2       | TP-3 (4-4.25)      | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-7       | TP-4 (5.5-6.5)     | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-8       | TP-5 (1.17-2.17)   | Total/NA  | Solid  | 6010D  | 413036     |
| MB 410-413036/1-A  | Method Blank       | Total/NA  | Solid  | 6010D  | 413036     |
| LCS 410-413036/2-A | Lab Control Sample | Total/NA  | Solid  | 6010D  | 413036     |

### Analysis Batch: 413536

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 410-140330-3     | TP-2 (1-1.25)    | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-4     | TP-2 (5.5-6)     | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-5     | TP-1 (1-1.5)     | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-6     | TP-4 (0.33-1.33) | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-9     | TP-5 (7.5-8.5)   | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-5 MS  | TP-1 (1-1.5)     | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-5 MSD | TP-1 (1-1.5)     | Total/NA  | Solid  | 6010D  | 413036     |
| 410-140330-5 DU  | TP-1 (1-1.5)     | Total/NA  | Solid  | 6010D  | 413036     |

### Analysis Batch: 413871

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 410-140330-1  | TP-3 (1-1.5)     | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-2  | TP-3 (4-4.25)    | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-3  | TP-2 (1-1.25)    | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-4  | TP-2 (5.5-6)     | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-5  | TP-1 (1-1.5)     | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-6  | TP-4 (0.33-1.33) | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-7  | TP-4 (5.5-6.5)   | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-8  | TP-5 (1.17-2.17) | Total/NA  | Solid  | 7471B  | 413066     |

Eurofins Lancaster Laboratories Environment Testing, LLC



# QC Association Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

## Metals (Continued)

### Analysis Batch: 413871 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 410-140330-9       | TP-5 (7.5-8.5)     | Total/NA  | Solid  | 7471B  | 413066     |
| MB 410-413066/1-A  | Method Blank       | Total/NA  | Solid  | 7471B  | 413066     |
| LCS 410-413066/2-A | Lab Control Sample | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-5 MS    | TP-1 (1-1.5)       | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-5 MSD   | TP-1 (1-1.5)       | Total/NA  | Solid  | 7471B  | 413066     |
| 410-140330-5 DU    | TP-1 (1-1.5)       | Total/NA  | Solid  | 7471B  | 413066     |

### Analysis Batch: 415109

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 410-140330-1          | TP-3 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-1          | TP-3 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-2          | TP-3 (4-4.25)      | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-2          | TP-3 (4-4.25)      | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-3          | TP-2 (1-1.25)      | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-3          | TP-2 (1-1.25)      | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-4          | TP-2 (5.5-6)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-4          | TP-2 (5.5-6)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-5          | TP-1 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-5          | TP-1 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-6          | TP-4 (0.33-1.33)   | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-6          | TP-4 (0.33-1.33)   | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-7          | TP-4 (5.5-6.5)     | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-7          | TP-4 (5.5-6.5)     | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-8          | TP-5 (1.17-2.17)   | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-8          | TP-5 (1.17-2.17)   | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-9          | TP-5 (7.5-8.5)     | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-9          | TP-5 (7.5-8.5)     | Total/NA  | Solid  | 6020B  | 413036     |
| MB 410-413036/1-A ^2  | Method Blank       | Total/NA  | Solid  | 6020B  | 413036     |
| LCS 410-413036/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-5 MS       | TP-1 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-5 MS       | TP-1 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-5 MSD      | TP-1 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-5 MSD      | TP-1 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-5 DU       | TP-1 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |
| 410-140330-5 DU       | TP-1 (1-1.5)       | Total/NA  | Solid  | 6020B  | 413036     |

## General Chemistry

### Analysis Batch: 412596

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 410-140330-1  | TP-3 (1-1.5)     | Total/NA  | Solid  | Moisture |            |
| 410-140330-2  | TP-3 (4-4.25)    | Total/NA  | Solid  | Moisture |            |
| 410-140330-3  | TP-2 (1-1.25)    | Total/NA  | Solid  | Moisture |            |
| 410-140330-4  | TP-2 (5.5-6)     | Total/NA  | Solid  | Moisture |            |
| 410-140330-5  | TP-1 (1-1.5)     | Total/NA  | Solid  | Moisture |            |
| 410-140330-6  | TP-4 (0.33-1.33) | Total/NA  | Solid  | Moisture |            |
| 410-140330-7  | TP-4 (5.5-6.5)   | Total/NA  | Solid  | Moisture |            |
| 410-140330-8  | TP-5 (1.17-2.17) | Total/NA  | Solid  | Moisture |            |
| 410-140330-9  | TP-5 (7.5-8.5)   | Total/NA  | Solid  | Moisture |            |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

**Client Sample ID: TP-3 (1-1.5)**

**Lab Sample ID: 410-140330-1**

**Date Collected: 08/24/23 08:45**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 412596       | UVJN    | ELLE | 08/25/23 12:49       |

**Client Sample ID: TP-3 (1-1.5)**

**Lab Sample ID: 410-140330-1**

**Date Collected: 08/24/23 08:45**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

**Percent Solids: 74.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412993       | D8NM    | ELLE | 08/27/23 12:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 18:41       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414550       | SJ89    | ELLE | 08/31/23 00:39       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 413362       | MT26    | ELLE | 08/28/23 09:31       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 415109       | F7JF    | ELLE | 08/31/23 17:57       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 415109       | F7JF    | ELLE | 08/31/23 17:59       |
| Total/NA  | Prep       | 7471B        |     |                 | 413066       | HUH3    | ELLE | 08/28/23 05:53       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 413871       | UEFS    | ELLE | 08/29/23 13:39       |

**Client Sample ID: TP-3 (4-4.25)**

**Lab Sample ID: 410-140330-2**

**Date Collected: 08/24/23 08:55**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 412596       | UVJN    | ELLE | 08/25/23 12:49       |

**Client Sample ID: TP-3 (4-4.25)**

**Lab Sample ID: 410-140330-2**

**Date Collected: 08/24/23 08:55**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

**Percent Solids: 91.6**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412993       | D8NM    | ELLE | 08/27/23 12:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 19:04       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414550       | SJ89    | ELLE | 08/31/23 01:01       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 413362       | MT26    | ELLE | 08/28/23 09:51       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 415109       | F7JF    | ELLE | 08/31/23 18:09       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 50              | 415109       | F7JF    | ELLE | 08/31/23 18:51       |
| Total/NA  | Prep       | 7471B        |     |                 | 413066       | HUH3    | ELLE | 08/28/23 05:53       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 413871       | UEFS    | ELLE | 08/29/23 13:37       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

**Client Sample ID: TP-2 (1-1.25)**

**Lab Sample ID: 410-140330-3**

**Date Collected: 08/24/23 09:35**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 412596       | UVJN    | ELLE | 08/25/23 12:49       |

**Client Sample ID: TP-2 (1-1.25)**

**Lab Sample ID: 410-140330-3**

**Date Collected: 08/24/23 09:35**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

**Percent Solids: 77.6**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412993       | D8NM    | ELLE | 08/27/23 12:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 19:28       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414550       | SJ89    | ELLE | 08/31/23 01:22       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6010D        |     | 5               | 413536       | T8CQ    | ELLE | 08/28/23 18:29       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 415109       | F7JF    | ELLE | 08/31/23 18:05       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 415109       | F7JF    | ELLE | 08/31/23 18:07       |
| Total/NA  | Prep       | 7471B        |     |                 | 413066       | HUH3    | ELLE | 08/28/23 05:53       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 413871       | UEFS    | ELLE | 08/29/23 13:29       |

**Client Sample ID: TP-2 (5.5-6)**

**Lab Sample ID: 410-140330-4**

**Date Collected: 08/24/23 09:50**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 412596       | UVJN    | ELLE | 08/25/23 12:49       |

**Client Sample ID: TP-2 (5.5-6)**

**Lab Sample ID: 410-140330-4**

**Date Collected: 08/24/23 09:50**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

**Percent Solids: 79.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412993       | D8NM    | ELLE | 08/27/23 12:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413639       | ULCP    | ELLE | 08/29/23 19:51       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414550       | SJ89    | ELLE | 08/31/23 01:44       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6010D        |     | 5               | 413536       | T8CQ    | ELLE | 08/28/23 18:26       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 415109       | F7JF    | ELLE | 08/31/23 17:43       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 415109       | F7JF    | ELLE | 08/31/23 17:45       |
| Total/NA  | Prep       | 7471B        |     |                 | 413066       | HUH3    | ELLE | 08/28/23 05:53       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 413871       | UEFS    | ELLE | 08/29/23 13:35       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

**Client Sample ID: TP-1 (1-1.5)**

**Lab Sample ID: 410-140330-5**

**Date Collected: 08/24/23 10:40**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 412596       | UVJN    | ELLE | 08/25/23 12:49       |

**Client Sample ID: TP-1 (1-1.5)**

**Lab Sample ID: 410-140330-5**

**Date Collected: 08/24/23 10:40**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

**Percent Solids: 79.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412993       | D8NM    | ELLE | 08/27/23 12:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413977       | ULCP    | ELLE | 08/29/23 22:26       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 415076       | SJ89    | ELLE | 09/01/23 05:44       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414550       | SJ89    | ELLE | 08/31/23 02:05       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6010D        |     | 5               | 413536       | T8CQ    | ELLE | 08/28/23 17:52       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 415109       | F7JF    | ELLE | 08/31/23 16:56       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 415109       | F7JF    | ELLE | 08/31/23 16:58       |
| Total/NA  | Prep       | 7471B        |     |                 | 413066       | HUH3    | ELLE | 08/28/23 05:53       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 413871       | UEFS    | ELLE | 08/29/23 12:55       |

**Client Sample ID: TP-4 (0.33-1.33)**

**Lab Sample ID: 410-140330-6**

**Date Collected: 08/24/23 11:20**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 412596       | UVJN    | ELLE | 08/25/23 12:49       |

**Client Sample ID: TP-4 (0.33-1.33)**

**Lab Sample ID: 410-140330-6**

**Date Collected: 08/24/23 11:20**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

**Percent Solids: 74.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412993       | D8NM    | ELLE | 08/27/23 12:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413977       | ULCP    | ELLE | 08/29/23 23:34       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414550       | SJ89    | ELLE | 08/31/23 03:09       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6010D        |     | 5               | 413536       | T8CQ    | ELLE | 08/28/23 18:23       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 415109       | F7JF    | ELLE | 08/31/23 17:39       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 415109       | F7JF    | ELLE | 08/31/23 17:41       |

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

**Client Sample ID: TP-4 (0.33-1.33)**

**Lab Sample ID: 410-140330-6**

Date Collected: 08/24/23 11:20

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 74.1

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 7471B        |     |                 | 413066       | HUH3    | ELLE | 08/28/23 05:53       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 413871       | UEFS    | ELLE | 08/29/23 13:27       |

**Client Sample ID: TP-4 (5.5-6.5)**

**Lab Sample ID: 410-140330-7**

Date Collected: 08/24/23 11:35

Matrix: Solid

Date Received: 08/25/23 10:04

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 412596       | UVJN    | ELLE | 08/25/23 12:49       |

**Client Sample ID: TP-4 (5.5-6.5)**

**Lab Sample ID: 410-140330-7**

Date Collected: 08/24/23 11:35

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412993       | D8NM    | ELLE | 08/27/23 12:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413977       | ULCP    | ELLE | 08/29/23 23:56       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414550       | SJ89    | ELLE | 08/31/23 03:30       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 413362       | MT26    | ELLE | 08/28/23 09:28       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 415109       | F7JF    | ELLE | 08/31/23 17:47       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 415109       | F7JF    | ELLE | 08/31/23 17:49       |
| Total/NA  | Prep       | 7471B        |     |                 | 413066       | HUH3    | ELLE | 08/28/23 05:53       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 413871       | UEFS    | ELLE | 08/29/23 13:33       |

**Client Sample ID: TP-5 (1.17-2.17)**

**Lab Sample ID: 410-140330-8**

Date Collected: 08/24/23 12:15

Matrix: Solid

Date Received: 08/25/23 10:04

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 412596       | UVJN    | ELLE | 08/25/23 12:49       |

**Client Sample ID: TP-5 (1.17-2.17)**

**Lab Sample ID: 410-140330-8**

Date Collected: 08/24/23 12:15

Matrix: Solid

Date Received: 08/25/23 10:04

Percent Solids: 77.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412993       | D8NM    | ELLE | 08/27/23 12:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 413977       | ULCP    | ELLE | 08/30/23 00:19       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414550       | SJ89    | ELLE | 08/31/23 03:52       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6010D        |     | 1               | 413362       | MT26    | ELLE | 08/28/23 09:44       |

Eurofins Lancaster Laboratories Environment Testing, LLC

# Lab Chronicle

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

**Client Sample ID: TP-5 (1.17-2.17)**

**Lab Sample ID: 410-140330-8**

**Date Collected: 08/24/23 12:15**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

**Percent Solids: 77.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 415109       | F7JF    | ELLE | 08/31/23 18:01       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 10              | 415109       | F7JF    | ELLE | 08/31/23 18:03       |
| Total/NA  | Prep       | 7471B        |     |                 | 413066       | HUH3    | ELLE | 08/28/23 05:53       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 413871       | UEFS    | ELLE | 08/29/23 13:31       |

**Client Sample ID: TP-5 (7.5-8.5)**

**Lab Sample ID: 410-140330-9**

**Date Collected: 08/24/23 12:35**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | Moisture     |     | 1               | 412596       | UVJN    | ELLE | 08/25/23 12:49       |

**Client Sample ID: TP-5 (7.5-8.5)**

**Lab Sample ID: 410-140330-9**

**Date Collected: 08/24/23 12:35**

**Matrix: Solid**

**Date Received: 08/25/23 10:04**

**Percent Solids: 82.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 412993       | D8NM    | ELLE | 08/27/23 12:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 414605       | ULCP    | ELLE | 08/31/23 17:38       |
| Total/NA  | Prep       | 3546         |     |                 | 414145       | LJG2    | ELLE | 08/30/23 07:58       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 414550       | SJ89    | ELLE | 08/31/23 04:13       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6010D        |     | 5               | 413536       | T8CQ    | ELLE | 08/28/23 18:20       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 2               | 415109       | F7JF    | ELLE | 08/31/23 17:35       |
| Total/NA  | Prep       | 3050B        |     |                 | 413036       | UAMX    | ELLE | 08/27/23 20:21       |
| Total/NA  | Analysis   | 6020B        |     | 50              | 415109       | F7JF    | ELLE | 08/31/23 18:49       |
| Total/NA  | Prep       | 7471B        |     |                 | 413066       | HUH3    | ELLE | 08/28/23 05:53       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 413871       | UEFS    | ELLE | 08/29/23 13:25       |

**Client Sample ID: TB-20230824**

**Lab Sample ID: 410-140330-10**

**Date Collected: 08/24/23 00:00**

**Matrix: Water**

**Date Received: 08/25/23 10:04**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab  | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 414509       | K4WN    | ELLE | 08/30/23 22:27       |

## Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



Accreditation/Certification Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| New York  | NELAP   | 10670                 | 04-01-24        |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte          |
|-----------------|-------------|--------|------------------|
| Moisture        |             | Solid  | Percent Moisture |

## Method Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

| Method   | Method Description                     | Protocol | Laboratory |
|----------|----------------------------------------|----------|------------|
| 8260D    | Volatile Organic Compounds by GC/MS    | SW846    | ELLE       |
| 8270E    | Semivolatile Organic Compounds (GC/MS) | SW846    | ELLE       |
| 6010D    | Metals (ICP)                           | SW846    | ELLE       |
| 6020B    | Metals (ICP/MS)                        | SW846    | ELLE       |
| 7471B    | Mercury (CVAA)                         | SW846    | ELLE       |
| Moisture | Percent Moisture                       | EPA      | ELLE       |
| 3050B    | Preparation, Metals                    | SW846    | ELLE       |
| 3546     | Microwave Extraction                   | SW846    | ELLE       |
| 5030C    | Purge and Trap                         | SW846    | ELLE       |
| 5035     | Closed System Purge and Trap           | SW846    | ELLE       |
| 7471B    | Preparation, Mercury                   | SW846    | ELLE       |

### Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

## Sample Summary

Client: Integral Consulting Inc  
Project/Site: Solar Farm/Battery NY State

Job ID: 410-140330-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 410-140330-1  | TP-3 (1-1.5)     | Solid  | 08/24/23 08:45 | 08/25/23 10:04 |
| 410-140330-2  | TP-3 (4-4.25)    | Solid  | 08/24/23 08:55 | 08/25/23 10:04 |
| 410-140330-3  | TP-2 (1-1.25)    | Solid  | 08/24/23 09:35 | 08/25/23 10:04 |
| 410-140330-4  | TP-2 (5.5-6)     | Solid  | 08/24/23 09:50 | 08/25/23 10:04 |
| 410-140330-5  | TP-1 (1-1.5)     | Solid  | 08/24/23 10:40 | 08/25/23 10:04 |
| 410-140330-6  | TP-4 (0.33-1.33) | Solid  | 08/24/23 11:20 | 08/25/23 10:04 |
| 410-140330-7  | TP-4 (5.5-6.5)   | Solid  | 08/24/23 11:35 | 08/25/23 10:04 |
| 410-140330-8  | TP-5 (1.17-2.17) | Solid  | 08/24/23 12:15 | 08/25/23 10:04 |
| 410-140330-9  | TP-5 (7.5-8.5)   | Solid  | 08/24/23 12:35 | 08/25/23 10:04 |
| 410-140330-10 | TB-20230824      | Water  | 08/24/23 00:00 | 08/25/23 10:04 |

## Eurofins Lancaster Laboratories Environme

2425-New Holland Pike

Lancaster, PA 17601

Phone: 717-656-2300 Fax: 717-656-2681

## Chain of Cu:



410-140330 Chain of Custody



Environment Testing

|                                                                                                                                                                                                                                   |  |                                                                              |             |                                                                                                                                                                                                                            |                                                          |                                                                                                                                                                                                                                                                                                                                                                                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Client Information</b>                                                                                                                                                                                                         |  | Sampler: <i>Integral</i>                                                     |             | er Tracking No(s):                                                                                                                                                                                                         |                                                          | COC No: 410-85941-27241.1                                                                                                                                                                                                                                                                                                                                                       |  |
| Client Contact: Manon Tanner-Dave                                                                                                                                                                                                 |  | Phone:                                                                       |             | s of Origin:                                                                                                                                                                                                               |                                                          | Page: Page 1 of 2                                                                                                                                                                                                                                                                                                                                                               |  |
| Company: Integral Consulting Inc                                                                                                                                                                                                  |  | PWSID:                                                                       |             | Analysis Requested                                                                                                                                                                                                         |                                                          | Job #:                                                                                                                                                                                                                                                                                                                                                                          |  |
| Address: 319 SW Washington Ave Suite 1150                                                                                                                                                                                         |  | Due Date Requested:                                                          |             | Field Filtered Sample (Yes or No)<br>Perform MS/MS (Yes or No)<br>60100, 60200, 7471B, 8270E, Moisture<br>8250D - VOCs Regulated + THM's<br>8270E - TCL 4.3 SVOCs<br>60100, 60200, 7470A<br>8250D - VOCs Regulated + THM's |                                                          | Total Number of containers                                                                                                                                                                                                                                                                                                                                                      |  |
| City: Portland                                                                                                                                                                                                                    |  | TAT Requested (days): <i>5 day TAT</i>                                       |             |                                                                                                                                                                                                                            |                                                          |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| State, Zip: OR, 97204                                                                                                                                                                                                             |  | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No |             |                                                                                                                                                                                                                            |                                                          |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Phone: 503-284-5545(Tel)                                                                                                                                                                                                          |  | PO #:                                                                        |             |                                                                                                                                                                                                                            |                                                          |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Email: mtanner@integral-corp.com                                                                                                                                                                                                  |  | Purchase Order Requested                                                     |             |                                                                                                                                                                                                                            |                                                          |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Project Name: Solar Farm/Battery NY State                                                                                                                                                                                         |  | Project #:                                                                   |             | Preservation Codes:                                                                                                                                                                                                        |                                                          | A - HCL<br>B - NaOH<br>C - Zn Acetate<br>D - Nitric Acid<br>E - NaHSO4<br>F - MeOH<br>G - Amchlor<br>H - Ascorbic Acid<br>I - Ice<br>J - DI Water<br>K - EDTA<br>L - EDA<br>M - Hexane<br>N - None<br>O - AsNaO2<br>P - Na2O4S<br>Q - Na2SO3<br>R - Na2S2O3<br>S - H2SO4<br>T - TSP Dodecahydrate<br>U - Acetone<br>V - MCAA<br>W - pH 4-5<br>Y - Trizma<br>Z - other (specify) |  |
| Site:                                                                                                                                                                                                                             |  | SSOW#:                                                                       |             | Other:                                                                                                                                                                                                                     |                                                          |                                                                                                                                                                                                                                                                                                                                                                                 |  |
|                                                                                                                                                                                                                                   |  |                                                                              |             |                                                                                                                                                                                                                            |                                                          |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Sample Identification                                                                                                                                                                                                             |  | Sample Date                                                                  | Sample Time | Sample Type (C=Comp, G=grab)                                                                                                                                                                                               | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Special Instructions/Note:                                                                                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                   |  |                                                                              |             |                                                                                                                                                                                                                            |                                                          | Preservation Code: <i>N F N D A</i>                                                                                                                                                                                                                                                                                                                                             |  |
| TP-3(1-1.5)                                                                                                                                                                                                                       |  | 8/24/23                                                                      | 0845        | G                                                                                                                                                                                                                          | S                                                        | 5                                                                                                                                                                                                                                                                                                                                                                               |  |
| TP-3(4-4.25)                                                                                                                                                                                                                      |  |                                                                              | 0855        | G                                                                                                                                                                                                                          | S                                                        |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| TP-2(1-1.25)                                                                                                                                                                                                                      |  |                                                                              | 0935        | G                                                                                                                                                                                                                          | S                                                        |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| TP-2(5.5-6)                                                                                                                                                                                                                       |  |                                                                              | 0950        | G                                                                                                                                                                                                                          | S                                                        |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| TP-1(1-1.5)                                                                                                                                                                                                                       |  |                                                                              | 1040        | G                                                                                                                                                                                                                          | S                                                        | MS/MSD sample                                                                                                                                                                                                                                                                                                                                                                   |  |
| TP-4(0.33-1.33)                                                                                                                                                                                                                   |  |                                                                              | 1120        | G                                                                                                                                                                                                                          | S                                                        |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| TP-4(5.5-6.5)                                                                                                                                                                                                                     |  |                                                                              | 1135        | G                                                                                                                                                                                                                          | S                                                        |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| TP-5(1.17-2.17)                                                                                                                                                                                                                   |  |                                                                              | 1215        | G                                                                                                                                                                                                                          | S                                                        |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| TP-5(7.5-8.5)                                                                                                                                                                                                                     |  |                                                                              | 1235        | G                                                                                                                                                                                                                          | S                                                        |                                                                                                                                                                                                                                                                                                                                                                                 |  |
| TB-20230824                                                                                                                                                                                                                       |  | 8/24/23                                                                      | -           | TB                                                                                                                                                                                                                         | W                                                        | X                                                                                                                                                                                                                                                                                                                                                                               |  |
| Possible Hazard Identification                                                                                                                                                                                                    |  |                                                                              |             |                                                                                                                                                                                                                            |                                                          | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)                                                                                                                                                                                                                                                                                             |  |
| <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |  |                                                                              |             |                                                                                                                                                                                                                            |                                                          | <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months                                                                                                                                                                                                                                 |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                            |  |                                                                              |             |                                                                                                                                                                                                                            |                                                          | Special Instructions/QC Requirements.                                                                                                                                                                                                                                                                                                                                           |  |
| Empty Kit Relinquished by:                                                                                                                                                                                                        |  | Date:                                                                        |             | Time:                                                                                                                                                                                                                      |                                                          | Method of Shipment:                                                                                                                                                                                                                                                                                                                                                             |  |
| Relinquished by: <i>Katelyn Zarnowski</i>                                                                                                                                                                                         |  | Date/Time: 8/24/23 1630                                                      |             | Company: Integral                                                                                                                                                                                                          |                                                          | Received by:                                                                                                                                                                                                                                                                                                                                                                    |  |
| Relinquished by:                                                                                                                                                                                                                  |  | Date/Time:                                                                   |             | Company:                                                                                                                                                                                                                   |                                                          | Received by:                                                                                                                                                                                                                                                                                                                                                                    |  |
| Relinquished by:                                                                                                                                                                                                                  |  | Date/Time:                                                                   |             | Company:                                                                                                                                                                                                                   |                                                          | Received by: <i>Ju</i>                                                                                                                                                                                                                                                                                                                                                          |  |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                    |  | Custody Seal No.:                                                            |             | Cooler Temperature(s) °C and Other Remarks:                                                                                                                                                                                |                                                          | Raw 1.3 - COR 1.3                                                                                                                                                                                                                                                                                                                                                               |  |

## Login Sample Receipt Checklist

Client: Integral Consulting Inc

Job Number: 410-140330-1

**Login Number: 140330**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

**List Number: 1**

**Creator: Ballard, Megan**

| Question                                                                                                | Answer | Comment                                                               |
|---------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------|
| The cooler's custody seal is intact.                                                                    | True   |                                                                       |
| The cooler or samples do not appear to have been compromised or tampered with.                          | True   |                                                                       |
| Samples were received on ice.                                                                           | True   |                                                                       |
| Cooler Temperature acceptable, where thermal pres is required ( $\leq 6^{\circ}\text{C}$ , not frozen). | True   |                                                                       |
| Cooler Temperature is recorded.                                                                         | True   |                                                                       |
| WV: Container Temp acceptable, where thermal pres is required ( $\leq 6^{\circ}\text{C}$ , not frozen). | N/A    |                                                                       |
| WV: Container Temperature is recorded.                                                                  | N/A    |                                                                       |
| COC is present.                                                                                         | True   |                                                                       |
| COC is filled out in ink and legible.                                                                   | True   |                                                                       |
| COC is filled out with all pertinent information.                                                       | True   |                                                                       |
| There are no discrepancies between the containers received and the COC.                                 | True   |                                                                       |
| Sample containers have legible labels.                                                                  | True   |                                                                       |
| Containers are not broken or leaking.                                                                   | True   |                                                                       |
| Sample collection date/times are provided.                                                              | True   |                                                                       |
| Appropriate sample containers are used.                                                                 | True   |                                                                       |
| Sample bottles are completely filled.                                                                   | True   |                                                                       |
| There is sufficient vol. for all requested analyses.                                                    | True   |                                                                       |
| Is the Field Sampler's name present on COC?                                                             | True   |                                                                       |
| Sample custody seals are intact.                                                                        | True   |                                                                       |
| VOA sample vials do not have headspace $> 6\text{mm}$ in diameter (none, if from WV)?                   | False  | Headspace greater than 6mm in diameter in some but not all containers |

# **DATA VALIDATION REPORT SOIL AND TEST PIT SAMPLING**

**Chaumont Solar Farm, Lot 4  
27940-28160 Country Road 179  
Chaumont, New York**

*Prepared for*  
**Convergent Energy and Power**  
7 Times Square  
Suite 3504  
New York, NY 10036

*Prepared by*  
  
31 West 34<sup>th</sup> Street  
Suite 7196  
New York, NY 10001

September 27, 2023



# 1 INTRODUCTION

This report presents the findings of the data validation of soil samples and associated quality control samples analyzed for volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260D, semivolatile organic compounds (SVOCs) by EPA Method 8270E, metals by EPA Methods 6010D and 6020B, and mercury by EPA Method 7471B. The samples were analyzed by Eurofins Lancaster Laboratories Environment Testing, LLC, of Lancaster, Pennsylvania, and were reported in Sample Delivery Groups (SDGs) J139126-1, J140000-1, and J140330-1.

The samples received a Level II (Stage 2A) validation, which included a review of all laboratory summary forms of quality control results. The data validation was based upon criteria described in the EPA functional guidelines for inorganic and organic Superfund methods data review (USEPA 2020a,b), and the referenced analytical methods.

The quality assurance and quality control (QA/QC) parameters reviewed are discussed in Section 2. All electronic data deliverables were compared to the hard copy data packages, and 100 percent of the results were verified. Qualifiers resulting from the validation process were entered into the project database. A reason code indicating the reason for qualification was also entered into the database.

# 2 FINDINGS

Details on the QA/QC parameters are discussed below.

## 2.1 SAMPLE RECEIPT AND HOLDING TIMES

Samples were received with complete chain-of-custody forms and in good condition, with one exception. Sample SS-5 (0.75-1) was not listed on the chain-of-custody form associated with SDG J140000-1.

## 2.2 BLANKS

Laboratory blanks were analyzed as required by the referenced analytical method. Laboratory blanks were non-detect for target analytes, with the exceptions noted below.

**SDG J140000-1:** Lithium was detected in the method blank (MB 410-411817/1-A). All associated sample results were non-detect for lithium; no qualifiers were applied.

Equipment blanks were collected on each sampling day and submitted for analysis with their associated soil samples. Equipment blanks were non-detect for target analytes, with the exceptions noted below.

**SDG J139126-1:** Mercury was detected in equipment blank EB1-20230814. All associated results were greater than 5 times the blank concentration; no qualifiers were applied.

Manganese and sodium were detected in equipment blank EB2-20230814. All associated results were either greater than the reporting limit or greater than 10 times the blank concentration; no qualifiers were applied.

Chloroform was detected in equipment blanks EB1-20230814 and EB2-20230814. All associated results were non-detect for chloroform; no qualifiers were applied.

**SDG J140000-1:** Aluminum, antimony, barium, calcium, copper, iron, magnesium, and sodium were detected in equipment blanks EB1-20230822 and/or EB2-20230822. All associated results were either greater than 10 times the blank concentration or non-detect; no qualifiers were applied.

Naphthalene was detected in equipment blank EB2-20230822. All associated results were greater than 5 times the blank concentration; no qualifiers were applied.

## 2.3 SURROGATE COMPOUNDS

Surrogates were added to all samples for analysis of SVOCs and VOCs. The surrogate compound recoveries for all samples were within the laboratory control limits.

## 2.4 LABORATORY CONTROL SAMPLES

Laboratory control samples (LCSs) and laboratory control sample duplicates (LCSDs) were analyzed at the appropriate frequency of one per analytical batch for all applicable parameters. The percent recoveries and relative percent differences (RPDs) of all LCS/LCSDs were within the laboratory control limits with the following exceptions.

**SDG J140000-1:** The pentachlorophenol and hexachlorocyclopentadiene recovery values were greater than the laboratory control limits for LCS 410-413148/2-A. The associated samples were non-detect for these compounds; no qualifiers were applied.

The hexachlorocyclopentadiene recovery value was greater than the laboratory control limit for LCS 410-415990/2-A. The associated sample was non-detect for this compound; no qualifiers were applied.

**SDG J140330-1:** The 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol recovery values were less than the laboratory control limit for LCS 410-414145/2-A. Results for TP-3 (1-1.5), TP-3 (4-4.25), TP-2 (1-1.25), TP-2 (5-5.6), TP-1 (1-1.5), TP-4 (0.33-1.33), TP-4 (5.5-6.5), TP-5 (1.17-2.17), and TP-5 (7.5-8.5) were qualified as estimated (UJ-LCS).

## 2.5 MATRIX SPIKES AND MATRIX SPIKE DUPLICATES

Matrix spikes (MS) and matrix spike duplicates (MSD) were analyzed at the appropriate frequency of one per analytical batch for all applicable parameters. The percent recoveries and relative percent differences (RPDs) of all MS/MSDs were within the laboratory control limits with the exceptions summarized in Table 1.

## 2.6 LABORATORY DUPLICATES

Laboratory duplicates were analyzed at the appropriate frequency of one per analytical batch for all applicable parameters. The RPDs of all laboratory duplicates were within the laboratory control limits with the following exceptions.

**SDG J139126-1:** The laboratory duplicate RPD for calcium was greater than the laboratory control limit. Results in associated samples SS-11 (0-0.25), SS-11 (0.75-1), SS-10 (0-0.25), and SS-10 (0.75-1) were qualified as estimated (J/UJ-REP).

**SDG J140000-1:** The laboratory duplicate RPDs for cadmium and calcium were greater than the laboratory control limit. Results in associated sample SS-5 (0-0.25) were qualified as estimated (J/UJ-REP).

**SDG J140330-1:** The laboratory duplicate RPDs for cadmium, cobalt, nickel, and manganese were greater than the laboratory control limit. Results in associated sample TP-1 (1-1.5) were qualified as estimated (J/UJ-REP).

## 2.7 METHOD REPORTING LIMITS AND METHODOLOGY

The reporting limits are consistent with the methodologies used and the intended uses of the data.

The laboratory noted select samples were diluted due to the nature of the sample matrix; the reporting limits were elevated accordingly.

## **3 OVERALL ASSESSMENT**

### **3.1 DATA QUALIFICATION**

A total of 4,021 results were reported. A total of 299 results (7 percent) were qualified as estimated or not detected. Eight results were rejected, and completeness was 99 percent, which meets the completeness goal of 90 percent. A summary of qualified results is presented in Table 2.

### **3.2 DATA USABILITY**

The data meet the criteria set forth in the referenced quality assurance documents, with the exceptions noted above. All results are acceptable for their intended use.

## **4 REFERENCES**

USEPA. 2020a. National Functional Guidelines for inorganic superfund methods data review. EPA 542-R-20-006. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation, Washington, DC. November.

USEPA. 2020b. National Functional Guidelines for organic Superfund methods data review. EPA 542-R-20-005. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation, Washington, DC. November.

Table 1. Summary of MS/MSD Exceedances by Sample Delivery Group

| MS/MSD               | Compound                          | Percent Recovery |      | QC Limits | RPD | QC Limits | Associated Samples                                                                                       | Comments / Qualifiers                              |
|----------------------|-----------------------------------|------------------|------|-----------|-----|-----------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------|
|                      |                                   | MS               | MSD  |           |     |           |                                                                                                          |                                                    |
| <b>SDG J139126-1</b> |                                   |                  |      |           |     |           |                                                                                                          |                                                    |
| SS-4 (0-0.25) MS/MSD | <b>METALS</b>                     |                  |      |           |     |           |                                                                                                          |                                                    |
|                      | <b>Antimony</b>                   | 53               | 58   | 75-125    | 2   | 20        | Based on professional judgement and moisture content<br><br><b>SS-4 (0-0.25)</b><br><b>SS-4 (0.75-1)</b> | J- qualify detects and UJ qualify NDs (MS)         |
|                      | <b>Zinc</b>                       | 124              | 185  |           | 14  |           |                                                                                                          |                                                    |
|                      | <b>Chromium</b>                   | 109              | 153  |           | 15  |           |                                                                                                          | J+ qualify detected results (MS)                   |
|                      | <b>Lead</b>                       | 102              | 154  |           | 11  |           |                                                                                                          |                                                    |
|                      | <b>Vanadium</b>                   | 116              | 167  |           | 15  |           |                                                                                                          |                                                    |
|                      | <b>Copper</b>                     | 99               | 128  |           | 10  |           |                                                                                                          | MSD %R w/in 10% of QC limit; no qualifiers applied |
|                      | <b>Nickel</b>                     | 100              | 131  |           | 11  |           |                                                                                                          |                                                    |
|                      | <b>Calcium</b>                    | 320              | 741  |           | 18  |           |                                                                                                          |                                                    |
|                      | <b>Magnesium</b>                  | 337              | 708  |           | 19  |           |                                                                                                          | %R not applicable; sample conc. >4x spike conc.    |
|                      | <b>Manganese</b>                  | 195              | 504  |           | 18  |           |                                                                                                          |                                                    |
|                      | <b>Aluminum</b>                   | 1717             | 1387 |           | 6   |           |                                                                                                          |                                                    |
|                      | <b>Barium</b>                     | 151              | 370  |           | 22  |           |                                                                                                          | %R not applicable; sample conc. >4x spike conc.    |
|                      | <b>Iron</b>                       | 626              | 2390 |           | 22  |           |                                                                                                          | J/UJ qualify results (REP)                         |
|                      | <b>Potassium</b>                  | 521              | 1036 |           | 26  |           |                                                                                                          |                                                    |
|                      | <b>SVOCs</b>                      |                  |      |           |     |           |                                                                                                          |                                                    |
|                      | <b>2,4-Dinitrophenol</b>          | 0                | 10   | 36-130    | NC  | 30        | <b>SS-4 (0-0.25)</b>                                                                                     | J- qualify detects and R qualify NDs (MS)          |
|                      | <b>4-Chloroaniline</b>            | 0                | 0    | 17-120    | NC  |           |                                                                                                          |                                                    |
|                      | <b>Hexachlorocyclopentadiene</b>  | 0                | 0    | 32-123    | NC  |           |                                                                                                          |                                                    |
|                      | <b>2,4-Dinitrotoluene</b>         | 55               | 75   | 65-120    | 30  |           |                                                                                                          | MS %R w/in 10% of QC limit; no qualifiers applied  |
|                      | <b>2,6-Dinitrotoluene</b>         | 63               | 80   | 67-120    | 24  |           |                                                                                                          |                                                    |
|                      | <b>2-Nitrophenol</b>              | 35               | 61   | 60-120    | 52  |           |                                                                                                          |                                                    |
|                      | <b>3-Nitroaniline</b>             | 6                | 11   | 34-120    | 56  |           |                                                                                                          | J- qualify detects and UJ qualify NDs (MS)         |
|                      | <b>4,6-Dinitro-2-methylphenol</b> | 8                | 28   | 55-131    | 114 |           |                                                                                                          | J qualify detects (REP)                            |
|                      | <b>4-Nitroaniline</b>             | 7                | 21   | 60-120    | 102 |           |                                                                                                          |                                                    |
|                      | <b>Hexachloroethane</b>           | 4                | 12   | 54-120    | 96  |           |                                                                                                          |                                                    |
|                      | <b>3,3'-Dichlorobenzidine</b>     | 2                | 8    | 23-120    | 116 |           |                                                                                                          | J- qualify detects and R qualify NDs (MS)          |
|                      | <b>Atrazine</b>                   | 65               | 91   | 59-140    | 34  |           |                                                                                                          | J qualify detects (REP)                            |
|                      | <b>N-Nitrosodiphenylamine</b>     | 62               | 76   | 70-120    | 19  |           |                                                                                                          | MS %R w/in 10% of QC limit; no qualifiers applied  |

Table 1. Summary of MS/MSD Exceedances by Sample Delivery Group

| MS/MSD                | Compound                 | Percent Recovery |      | QC Limits | RPD | QC Limits | Associated Samples                                                                                                               | Comments / Qualifiers                                                                         |
|-----------------------|--------------------------|------------------|------|-----------|-----|-----------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                       |                          | MS               | MSD  |           |     |           |                                                                                                                                  |                                                                                               |
|                       | <b>VOCs</b>              |                  |      |           |     |           |                                                                                                                                  |                                                                                               |
|                       | 1,2,4-Trichlorobenzene   | 0                | 0    | 56-130    | NC  | 30        | 410-139126-1                                                                                                                     | J- qualify detects and R qualify NDs (MS)                                                     |
|                       | 1,1,1-Trichloroethane    | 62               | 73   | 69-123    | 8   |           |                                                                                                                                  | MS %R is w/in 10% of QC Limit; no qualifiers applied.                                         |
|                       | Carbon tetrachloride     | 57               | 68   | 64-134    | 11  |           |                                                                                                                                  | J- qualify detects and UJ qualify NDs (MS)                                                    |
|                       | 1,1,2-Trichloroethane    | 51               | 61   | 80-120    | 11  |           |                                                                                                                                  |                                                                                               |
|                       | 1,2-Dichloroethane       | 56               | 65   | 71-128    | 8   |           |                                                                                                                                  |                                                                                               |
|                       | 1,2-Dichloropropane      | 57               | 69   | 80-120    | 13  |           |                                                                                                                                  |                                                                                               |
|                       | Benzene                  | 58               | 69   | 80-120    | 11  |           |                                                                                                                                  |                                                                                               |
|                       | Bromodichloromethane     | 48               | 60   | 70-120    | 15  |           |                                                                                                                                  |                                                                                               |
|                       | Bromoform                | 36               | 46   | 51-127    | 17  |           |                                                                                                                                  |                                                                                               |
|                       | Chloroform               | 59               | 69   | 80-120    | 9   |           |                                                                                                                                  |                                                                                               |
|                       | cis-1,2-Dichloroethene   | 60               | 69   | 80-123    | 9   |           |                                                                                                                                  |                                                                                               |
|                       | Dibromochloromethane     | 41               | 52   | 69-125    | 16  |           |                                                                                                                                  |                                                                                               |
|                       | Methylene chloride       | 60               | 66   | 76-122    | 3   |           |                                                                                                                                  |                                                                                               |
|                       | Tetrachloroethene        | 32               | 46   | 73-120    | 29  |           |                                                                                                                                  |                                                                                               |
|                       | Toluene                  | 39               | 52   | 80-120    | 23  |           |                                                                                                                                  |                                                                                               |
|                       | trans-1,2-Dichloroethene | 61               | 71   | 80-125    | 8   |           |                                                                                                                                  |                                                                                               |
|                       | Trichloroethene          | 45               | 59   | 80-120    | 21  |           |                                                                                                                                  |                                                                                               |
|                       | 1,2-Dichlorobenzene      | 15               | 23   | 76-120    | 34  |           |                                                                                                                                  | J- qualify detects and UJ qualify NDs (MS)<br>J qualify detects (REP)                         |
|                       | 1,4-Dichlorobenzene      | 14               | 21   | 80-120    | 34  |           |                                                                                                                                  |                                                                                               |
|                       | Chlorobenzene            | 26               | 38   | 80-120    | 32  |           |                                                                                                                                  |                                                                                               |
|                       | Ethylbenzene             | 25               | 38   | 78-120    | 34  |           |                                                                                                                                  |                                                                                               |
|                       | m&p-Xylene               | 22               | 34   | 80-120    | 36  |           |                                                                                                                                  |                                                                                               |
|                       | o-Xylene                 | 23               | 34   | 75-120    | 33  |           |                                                                                                                                  |                                                                                               |
|                       | Styrene                  | 17               | 28   | 76-120    | 40  |           |                                                                                                                                  |                                                                                               |
| SS-11 (0-0.25) MS/MSD | <b>METALS</b>            |                  |      |           |     |           |                                                                                                                                  |                                                                                               |
|                       | Antimony                 | 49               | 56   | 75-125    | 47  | 20        | Based on professional judgement and moisture content<br><br>SS-11 (0-0.25)<br>SS-11 (0.75-1)<br>SS-10 (0-0.25)<br>SS-10 (0.75-1) | J- qualify detects and UJ qualify NDs (MS)                                                    |
|                       | Sodium                   | 63               | 70   |           | 21  |           |                                                                                                                                  | J/UJ qualify results (REP)                                                                    |
|                       | Lead                     | 85               | 59   |           | 0   |           |                                                                                                                                  | J- qualify detects and UJ qualify NDs (MS)                                                    |
|                       | Magnesium                | -20              | -97  |           | 5   |           |                                                                                                                                  | %R not applicable; sample concentration >4x spike concentration                               |
|                       | Manganese                | -96              | -225 |           | 12  |           |                                                                                                                                  |                                                                                               |
|                       | Potassium                | 412              | 298  |           | 0   |           |                                                                                                                                  |                                                                                               |
|                       | Aluminum                 | 1972             | 945  |           | 7   |           |                                                                                                                                  |                                                                                               |
|                       | Iron                     | 679              | -162 |           | 11  |           |                                                                                                                                  |                                                                                               |
|                       | Calcium                  | -458             | -45  |           | 23  |           |                                                                                                                                  | %R not applicable; sample concentration >4x spike concentration<br>J/UJ qualify results (REP) |
|                       | Arsenic                  | 93               | 89   |           | 27  |           |                                                                                                                                  | J/UJ qualify results (REP)                                                                    |
|                       | Beryllium                | 100              | 96   |           | 23  |           |                                                                                                                                  |                                                                                               |
|                       | Cadmium                  | 97               | 94   |           | 30  |           |                                                                                                                                  |                                                                                               |
|                       | Lithium                  | 96               | 96   |           | 21  |           |                                                                                                                                  |                                                                                               |
|                       | Selenium                 | 93               | 90   |           | 30  |           |                                                                                                                                  |                                                                                               |
|                       | Silver                   | 97               | 96   |           | 32  |           |                                                                                                                                  |                                                                                               |
|                       | Thallium                 | 87               | 87   |           | 33  |           |                                                                                                                                  |                                                                                               |



Table 1. Summary of MS/MSD Exceedances by Sample Delivery Group

| MS/MSD | Compound                  | Percent Recovery |     | QC Limits | RPD | QC Limits | Associated Samples | Comments / Qualifiers                                                 |
|--------|---------------------------|------------------|-----|-----------|-----|-----------|--------------------|-----------------------------------------------------------------------|
|        |                           | MS               | MSD |           |     |           |                    |                                                                       |
|        | <b>SVOCs</b>              |                  |     |           |     |           |                    |                                                                       |
|        | 3,3'-Dichlorobenzidine    | 39               | 7   | 23-120    | 137 | 30        | SS-11 (0-0.25)     | J- qualify detects and UJ qualify NDs (MS)<br>J qualify detects (REP) |
|        | 3-Nitroaniline            | 47               | 12  | 34-120    | 116 |           |                    |                                                                       |
|        | 4-Chloroaniline           | 41               | 11  | 17-120    | 116 |           |                    |                                                                       |
|        | 4-Nitroaniline            | 49               | 20  | 60-120    | 82  |           |                    |                                                                       |
|        | Hexachloroethane          | 49               | 36  | 54-120    | 31  |           |                    |                                                                       |
|        | Hexachlorocyclopentadiene | 0                | 0   | 32-123    | NC  |           |                    | J- qualify detects and R qualify NDs (MS)                             |
|        | <b>VOCs</b>               |                  |     |           |     |           |                    |                                                                       |
|        | 1,2,4-Trichlorobenzene    | 0                | 0   | 56-130    | NC  | 30        | SS-11 (0-0.25)     | J- qualify detects and R qualify NDs (MS)                             |
|        | 1,1-Dichloroethene        | 86               | 70  | 73-129    | 14  |           |                    | MSD %R is w/in 10% of QC Limit; no qualifiers applied.                |
|        | Carbon tetrachloride      | 65               | 51  | 64-134    | 16  |           |                    | J- qualify detects and UJ qualify NDs (MS)                            |
|        | 1,1,1-Trichloroethane     | 72               | 56  | 69-123    | 17  |           |                    |                                                                       |
|        | 1,1,2-Trichloroethane     | 57               | 43  | 80-120    | 21  |           |                    |                                                                       |
|        | 1,2-Dichloroethane        | 64               | 51  | 71-128    | 14  |           |                    |                                                                       |
|        | 1,2-Dichloropropane       | 64               | 50  | 80-120    | 17  |           |                    |                                                                       |
|        | Benzene                   | 62               | 48  | 80-120    | 17  |           |                    |                                                                       |
|        | Bromodichloromethane      | 53               | 42  | 70-120    | 15  |           |                    |                                                                       |
|        | Bromoform                 | 44               | 31  | 51-127    | 27  |           |                    |                                                                       |
|        | Chloroform                | 65               | 52  | 80-120    | 15  |           |                    |                                                                       |
|        | cis-1,2-Dichloroethene    | 66               | 53  | 80-123    | 15  |           |                    |                                                                       |
|        | Dibromochloromethane      | 45               | 34  | 69-125    | 21  |           |                    |                                                                       |
|        | Ethylbenzene              | 23               | 16  | 78-120    | 30  |           |                    |                                                                       |
|        | Methylene chloride        | 68               | 55  | 76-122    | 13  |           |                    |                                                                       |
|        | Tetrachloroethene         | 31               | 21  | 73-120    | 30  |           |                    |                                                                       |
|        | Toluene                   | 38               | 28  | 80-120    | 23  |           |                    |                                                                       |
|        | trans-1,2-Dichloroethene  | 66               | 52  | 80-125    | 17  |           |                    |                                                                       |
|        | Trichloroethene           | 47               | 37  | 80-120    | 18  |           |                    |                                                                       |
|        | 1,2-Dichlorobenzene       | 20               | 10  | 76-120    | 62  |           |                    |                                                                       |
|        | 1,4-Dichlorobenzene       | 17               | 9   | 80-120    | 60  |           |                    | J- qualify detects and UJ qualify NDs (MS)<br>J qualify detects (REP) |
|        | Chlorobenzene             | 25               | 17  | 80-120    | 32  |           |                    |                                                                       |
|        | m&p-Xylene                | 21               | 14  | 80-120    | 33  |           |                    |                                                                       |
|        | o-Xylene                  | 22               | 15  | 75-120    | 33  |           |                    |                                                                       |
|        | Styrene                   | 17               | 11  | 76-120    | 41  |           |                    |                                                                       |

Table 1. Summary of MS/MSD Exceedances by Sample Delivery Group

| MS/MSD               | Compound                  | Percent Recovery |      | QC Limits | RPD | QC Limits | Associated Samples | Comments / Qualifiers                                           |
|----------------------|---------------------------|------------------|------|-----------|-----|-----------|--------------------|-----------------------------------------------------------------|
|                      |                           | MS               | MSD  |           |     |           |                    |                                                                 |
| <b>SDG J140000-1</b> |                           |                  |      |           |     |           |                    |                                                                 |
| SS-5 (0-0.25) MS/MSD | <b>METALS</b>             |                  |      |           |     |           |                    |                                                                 |
|                      | Antimony                  | 63               | 64   | 75-125    | 0   | 20        | SS-3 (0-0.25)      | J- qualify detects and UJ qualify NDs (MS)                      |
|                      | Manganese                 | 68               | -24  |           | 9   |           | SS-3 (0.75-1)      | J+ qualify detects (MS)                                         |
|                      | Barium                    | 167              | 100  |           | 15  |           | SS-2 (0-0.25)      | %R not applicable; sample concentration >4x spike concentration |
|                      | Calcium                   | -797             | 59   |           | 36  |           | SS-2 (0.75-1)      | J qualify results (REP)                                         |
|                      | Magnesium                 | -94              | 257  |           | 18  |           | SS-1 (0-0.25)      | %R not applicable; sample concentration >4x spike concentration |
|                      | Potassium                 | 358              | 531  |           | 12  |           | SS-7 (0-0.25)      |                                                                 |
|                      | Aluminum                  | 1570             | 1546 |           | 0   |           | SS-7 (0.75-1)      |                                                                 |
|                      | Iron                      | 921              | 919  |           | 0   |           | SS-8 (0-0.25)      |                                                                 |
|                      | Vanadium                  | 104              | 135  |           | 14  |           | SS-8 (0.75-1)      | MSD %R w/in 10% of QC limit; no qualifiers applied              |
|                      |                           |                  |      |           |     |           | SS-9 (0-0.25)      |                                                                 |
|                      |                           |                  |      |           |     |           | SS-9 (0.75-1)      |                                                                 |
|                      |                           |                  |      |           |     |           | SS-5 (0-0.25)      |                                                                 |
|                      |                           |                  |      |           |     |           | SS-5 (0.75-1)      |                                                                 |
|                      | <b>SVOCs</b>              |                  |      |           |     |           |                    |                                                                 |
|                      | Hexachlorocyclopentadiene | 19               | 22   | 32-123    | 16  | 30        | SS-5 (0-0.25)      | J- qualify detects & UJ qualify NDs (MS)                        |
|                      | 3,3'-Dichlorobenzidine    | 47               | 29   | 23-120    | 50  |           |                    | ND; no qualifiers applied.                                      |
|                      | 3-Nitroaniline            | 91               | 55   | 34-120    | 49  |           |                    | MSD %R is w/in 10% of the QC limit; no qualifiers applied.      |
|                      | 4-Nitroaniline            | 66               | 56   | 60-120    | 15  |           |                    |                                                                 |
|                      | <b>VOCs</b>               |                  |      |           |     |           |                    |                                                                 |
|                      | 1,1,2-Trichloroethane     | 76               | 82   | 80-120    | 7   | 30        | SS-5 (0-0.25)      | MS %R is w/in 10% of QC Limit; no qualifiers applied.           |
|                      | Benzene                   | 76               | 83   | 80-120    | 8   |           |                    |                                                                 |
|                      | Chloroform                | 76               | 85   | 80-120    | 10  |           |                    |                                                                 |
|                      | Tetrachloroethene         | 66               | 80   | 73-120    | 17  |           |                    |                                                                 |
|                      | trans-1,2-Dichloroethene  | 79               | 87   | 80-120    | 9   |           |                    | J- qualify detects and UJ qualify NDs (MS)                      |
|                      | Trichloroethene           | 72               | 80   | 80-120    | 9   |           |                    |                                                                 |
|                      | 1,2,4-Trichlorobenzene    | 35               | 45   | 56-130    | 24  |           |                    |                                                                 |
|                      | 1,2-Dichlorobenzene       | 45               | 58   | 76-120    | 25  |           |                    |                                                                 |
|                      | 1,2-Dichloropropane       | 67               | 76   | 80-120    | 11  |           |                    |                                                                 |
|                      | 1,4-Dichlorobenzene       | 46               | 59   | 80-120    | 24  |           |                    |                                                                 |
|                      | Chlorobenzene             | 59               | 69   | 80-120    | 15  |           |                    |                                                                 |
|                      | Ethylbenzene              | 56               | 69   | 78-120    | 20  |           |                    |                                                                 |
|                      | m&p-Xylene                | 57               | 71   | 80-120    | 21  |           |                    |                                                                 |
|                      | o-Xylene                  | 55               | 69   | 75-120    | 21  |           |                    |                                                                 |
|                      | Styrene                   | 52               | 65   | 76-120    | 20  |           |                    |                                                                 |
|                      | Toluene                   | 65               | 75   | 80-120    | 13  |           |                    |                                                                 |

Table 1. Summary of MS/MSD Exceedances by Sample Delivery Group

| MS/MSD               | Compound                  | Percent Recovery |      | QC Limits | RPD | QC Limits | Associated Samples                                                                                                                                         | Comments / Qualifiers                                                                         |
|----------------------|---------------------------|------------------|------|-----------|-----|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                      |                           | MS               | MSD  |           |     |           |                                                                                                                                                            |                                                                                               |
| <b>SDG J140330-1</b> |                           |                  |      |           |     |           |                                                                                                                                                            |                                                                                               |
| TP-1 (1-1.5) MS/MSD  | <b>METALS</b>             |                  |      |           |     |           |                                                                                                                                                            |                                                                                               |
|                      | Antimony                  | 74               | 71   | 75-125    | 13  | 20        | TP-3 (1-1.5)<br>TP-3 (4-4.25)<br>TP-2 (1-1.25)<br>TP-2 (5-5.6)<br>TP-1 (1-1.5)<br>TP-4 (0.33-1.33)<br>TP-4 (5.5-6.5)<br>TP-5 (1.17-2.17)<br>TP-5 (7.5-8.5) | J- qualify detects and UJ qualify NDs (MS)                                                    |
|                      | Lead                      | 95               | 140  |           | 12  |           |                                                                                                                                                            | J+ qualify detects (MS)                                                                       |
|                      | Vanadium                  | 123              | 141  |           | 3   |           |                                                                                                                                                            | MSD %R w/in 10% of QC limit; no qualifiers applied                                            |
|                      | Chromium                  | 117              | 130  |           | 1   |           |                                                                                                                                                            | %R not applicable; sample concentration >4x spike concentration                               |
|                      | Magnesium                 | 392              | 439  |           | 1   |           |                                                                                                                                                            |                                                                                               |
|                      | Potassium                 | 792              | 768  |           | 1   |           |                                                                                                                                                            |                                                                                               |
|                      | Aluminum                  | 2765             | 2991 |           | 0   |           |                                                                                                                                                            |                                                                                               |
|                      | Iron                      | 1379             | 1332 |           | 2   |           |                                                                                                                                                            |                                                                                               |
|                      | Barium                    | 180              | 164  |           | 4   |           |                                                                                                                                                            |                                                                                               |
|                      | Calcium                   | 102              | 60   |           | 5   |           |                                                                                                                                                            |                                                                                               |
|                      | Manganese                 | -1396            | -918 |           | 44  |           |                                                                                                                                                            | %R not applicable; sample concentration >4x spike concentration<br>J/UJ qualify results (REP) |
|                      | <b>SVOCs</b>              |                  |      |           |     |           |                                                                                                                                                            |                                                                                               |
|                      | 2,4-Dichlorophenol        | 63               | 66   | 64-120    | 6   | 30        | TP-1 (1-1.5)                                                                                                                                               | MS %R is w/in 10% of QC Limit; no qualifiers applied.                                         |
|                      | 2-Chlorophenol            | 56               | 62   | 61-120    | 11  |           |                                                                                                                                                            |                                                                                               |
|                      | 2-Methylphenol            | 56               | 62   | 59-120    | 12  |           |                                                                                                                                                            |                                                                                               |
|                      | 4-Methylphenol            | 57               | 62   | 59-120    | 8   |           |                                                                                                                                                            |                                                                                               |
|                      | Benz(a)anthracene         | 67               | 74   | 68-120    | 10  |           |                                                                                                                                                            |                                                                                               |
|                      | Benzo(b)fluoranthene      | 65               | 66   | 66-120    | 1   |           |                                                                                                                                                            |                                                                                               |
|                      | Dibenz(a,h)anthracene     | 69               | 72   | 70-123    | 6   |           |                                                                                                                                                            |                                                                                               |
|                      | Hexachlorobenzene         | 61               | 64   | 64-120    | 6   |           |                                                                                                                                                            |                                                                                               |
|                      | N-Nitrosodiphenylamine    | 67               | 72   | 70-120    | 7   |           |                                                                                                                                                            |                                                                                               |
|                      | Naphthalene               | 59               | 62   | 62-120    | 6   |           |                                                                                                                                                            |                                                                                               |
|                      | 3,3'-Dichlorobenzidine    | 45               | 16   | 23-120    | 94  |           |                                                                                                                                                            | MSD %R is w/in 10% of QC Limit; no qualifiers applied.<br>J qualify detects (REP)             |
|                      | 3-Nitroaniline            | 53               | 25   | 34-120    | 72  |           |                                                                                                                                                            | J- qualify detects and UJ qualify NDs (MS)<br>J qualify detects (REP)                         |
|                      | 4-Chloroaniline           | 39               | 9    | 17-120    | 123 |           |                                                                                                                                                            | J- qualify detects and UJ qualify NDs (MS)                                                    |
|                      | 4-Nitroaniline            | 48               | 31   | 60-120    | 41  |           |                                                                                                                                                            |                                                                                               |
|                      | 2,4-Dimethylphenol        | 59               | 60   | 63-120    | 3   |           |                                                                                                                                                            |                                                                                               |
|                      | Anthracene                | 62               | 66   | 69-120    | 6   |           |                                                                                                                                                            |                                                                                               |
|                      | Benzo(a)pyrene            | 69               | 70   | 71-120    | 2   |           |                                                                                                                                                            |                                                                                               |
|                      | Benzo(k)fluoranthene      | 58               | 63   | 68-120    | 10  |           |                                                                                                                                                            |                                                                                               |
|                      | Carbazole                 | 64               | 66   | 69-120    | 4   |           |                                                                                                                                                            |                                                                                               |
|                      | Fluoranthene              | 61               | 66   | 67-120    | 8   |           |                                                                                                                                                            |                                                                                               |
|                      | Hexachloroethane          | 48               | 49   | 54-120    | 4   |           |                                                                                                                                                            |                                                                                               |
|                      | Phenanthrene              | 60               | 63   | 69-120    | 5   |           |                                                                                                                                                            |                                                                                               |
|                      | Pyrene                    | 63               | 68   | 69-120    | 8   |           |                                                                                                                                                            |                                                                                               |
|                      | Hexachlorocyclopentadiene | 0                | 0    | 32-123    | NC  |           |                                                                                                                                                            | J- qualify detects and R qualify NDs (MS)                                                     |

Notes:

LCS = laboratory control sample recovery  
 MS = matrix spike recovery  
 REP = replicate imprecision

Qualifiers:

J = The result is an estimated quantity.  
 J- = The result is an estimated quantity with low bias.  
 J+ = The result is an estimated quantity with high bias.  
 R = Rejected. The data are unusable.  
 UJ = Estimated and not detected. The analyte is considered estimated and not detected. The analyte is considered not detected at the reported value, and the associated numerical value is an estimated value.

Table 2. Summary of Qualified Data

| SDG       | Sample       | Analyte                  | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|--------------|--------------------------|-------|--------|------------------------|---------------|--------------|---------------------|
| J139126-1 | 410-139126-1 | Antimony                 | mg/kg | 0.14   | 0.31                   | J F1          | J-           | MS                  |
| J139126-1 | 410-139126-1 | Barium                   | mg/kg | 420    | 3.1                    | F2            | J            | REP                 |
| J139126-1 | 410-139126-1 | Chromium                 | mg/kg | 54     | 0.62                   | F1            | J+           | MS                  |
| J139126-1 | 410-139126-1 | Iron                     | mg/kg | 41000  | 160                    | F2            | J            | REP                 |
| J139126-1 | 410-139126-1 | Lead                     | mg/kg | 15     | 0.31                   | F1            | J+           | MS                  |
| J139126-1 | 410-139126-1 | 1,1,2-Trichloroethane    | µg/kg | 0.84   | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | 1,2,4-Trichlorobenzene   | µg/kg | 8.4    | 17                     | U F1          | R            | MS                  |
| J139126-1 | 410-139126-1 | 1,2-Dichlorobenzene      | µg/kg | 1.2    | 8.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | 1,2-Dichloroethane       | µg/kg | 1      | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | 1,2-Dichloropropane      | µg/kg | 0.84   | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | 1,4-Dichlorobenzene      | µg/kg | 1.2    | 8.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Benzene                  | µg/kg | 0.84   | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Bromodichloromethane     | µg/kg | 1.2    | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Bromoform                | µg/kg | 8.4    | 17                     | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Chloroform               | µg/kg | 1      | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Chlorobenzene            | µg/kg | 1.2    | 8.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Dibromochloromethane     | µg/kg | 0.84   | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Ethylbenzene             | µg/kg | 1.2    | 8.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | m,p-Xylene               | µg/kg | 3.4    | 8.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Methylene Chloride       | µg/kg | 3.4    | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Styrene                  | µg/kg | 1.2    | 8.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Tetrachloroethene        | µg/kg | 1.2    | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Toluene                  | µg/kg | 1      | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Trichloroethylene        | µg/kg | 0.84   | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | cis-1,2-Dichloroethene   | µg/kg | 0.84   | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | o-Xylene                 | µg/kg | 1.2    | 8.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | trans-1,2-Dichloroethene | µg/kg | 0.84   | 8.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-1 | 2,4-Dinitrophenol        | µg/kg | 260    | 1600                   | U F1          | R            | MS                  |
| J139126-1 | 410-139126-1 | 2-Nitrophenol            | µg/kg | 31     | 78                     | U F1 F2       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | 3,3'-Dichlorobenzidine   | µg/kg | 52     | 260                    | U F1 F2       | R            | MS                  |
| J139126-1 | 410-139126-1 | 3-Nitroaniline           | µg/kg | 52     | 260                    | U F1 F2       | UJ           | MS                  |

Table 2. Summary of Qualified Data

| SDG       | Sample       | Analyte                   | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|--------------|---------------------------|-------|--------|------------------------|---------------|--------------|---------------------|
| J139126-1 | 410-139126-1 | 4,6-Dinitro-o-cresol      | µg/kg | 260    | 780                    | U F1 F2       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | 4-Chloroaniline           | µg/kg | 52     | 260                    | U F1          | R            | MS                  |
| J139126-1 | 410-139126-1 | 4-Nitroaniline            | µg/kg | 52     | 260                    | U F1 F2       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Hexachloroethane          | µg/kg | 52     | 260                    | U F1 F2       | UJ           | MS                  |
| J139126-1 | 410-139126-1 | Hexachlorocyclopentadiene | µg/kg | 260    | 780                    | U F1 cn       | R            | MS                  |
| J139126-1 | 410-139126-1 | Potassium                 | mg/kg | 6400   | 62                     | F2            | J            | REP                 |
| J139126-1 | 410-139126-1 | Vanadium                  | mg/kg | 66     | 1.2                    | F1            | J+           | MS                  |
| J139126-1 | 410-139126-1 | Zinc                      | mg/kg | 120    | 47                     | F1            | J+           | MS                  |
| J139126-1 | 410-139126-2 | Antimony                  | mg/kg | 0.12   | 0.29                   | U             | UJ           | MS                  |
| J139126-1 | 410-139126-2 | Barium                    | mg/kg | 630    | 2.9                    | ^2            | J            | REP                 |
| J139126-1 | 410-139126-2 | Chromium                  | mg/kg | 83     | 0.59                   |               | J+           | MS                  |
| J139126-1 | 410-139126-2 | Iron                      | mg/kg | 54000  | 150                    | ^2            | J            | REP                 |
| J139126-1 | 410-139126-2 | Lead                      | mg/kg | 17     | 0.29                   |               | J+           | MS                  |
| J139126-1 | 410-139126-2 | Potassium                 | mg/kg | 10000  | 59                     |               | J            | REP                 |
| J139126-1 | 410-139126-2 | Vanadium                  | mg/kg | 99     | 1.2                    |               | J+           | MS                  |
| J139126-1 | 410-139126-2 | Zinc                      | mg/kg | 170    | 44                     |               | J+           | MS                  |
| J139126-1 | 410-139126-3 | Antimony                  | mg/kg | 0.1    | 0.26                   | U F1 F2       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Arsenic                   | mg/kg | 4.5    | 0.51                   | F2            | J            | REP                 |
| J139126-1 | 410-139126-3 | Beryllium                 | mg/kg | 1.4    | 0.13                   | F2            | J            | REP                 |
| J139126-1 | 410-139126-3 | Cadmium                   | mg/kg | 0.19   | 0.13                   | F2            | J            | REP                 |
| J139126-1 | 410-139126-3 | 1,1,1-Trichloroethane     | µg/kg | 0.65   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | 1,1,2-Trichloroethane     | µg/kg | 0.54   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | 1,2,4-Trichlorobenzene    | µg/kg | 5.4    | 11                     | U F1          | R            | MS                  |
| J139126-1 | 410-139126-3 | 1,2-Dichlorobenzene       | µg/kg | 0.76   | 5.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | 1,2-Dichloroethane        | µg/kg | 0.65   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | 1,2-Dichloropropane       | µg/kg | 0.54   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | 1,4-Dichlorobenzene       | µg/kg | 0.76   | 5.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Benzene                   | µg/kg | 0.54   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Bromodichloromethane      | µg/kg | 0.76   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Bromoform                 | µg/kg | 5.4    | 11                     | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Carbon Tetrachloride      | µg/kg | 0.76   | 5.4                    | U F1          | UJ           | MS                  |

Table 2. Summary of Qualified Data

| SDG       | Sample       | Analyte                   | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|--------------|---------------------------|-------|--------|------------------------|---------------|--------------|---------------------|
| J139126-1 | 410-139126-3 | Chloroform                | µg/kg | 0.65   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Chlorobenzene             | µg/kg | 0.76   | 5.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Dibromochloromethane      | µg/kg | 0.54   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Ethylbenzene              | µg/kg | 0.76   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | m,p-Xylene                | µg/kg | 2.2    | 5.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Methylene Chloride        | µg/kg | 2.2    | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Styrene                   | µg/kg | 0.76   | 5.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Tetrachloroethene         | µg/kg | 0.76   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Toluene                   | µg/kg | 0.65   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Trichloroethylene         | µg/kg | 0.54   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | cis-1,2-Dichloroethene    | µg/kg | 0.54   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | o-Xylene                  | µg/kg | 0.76   | 5.4                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | trans-1,2-Dichloroethene  | µg/kg | 0.54   | 5.4                    | U F1          | UJ           | MS                  |
| J139126-1 | 410-139126-3 | 3,3'-Dichlorobenzidine    | µg/kg | 44     | 220                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | 3-Nitroaniline            | µg/kg | 44     | 220                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | 4-Chloroaniline           | µg/kg | 44     | 220                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | 4-Nitroaniline            | µg/kg | 44     | 220                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Hexachloroethane          | µg/kg | 44     | 220                    | U F2 F1       | UJ           | MS                  |
| J139126-1 | 410-139126-3 | Hexachlorocyclopentadiene | µg/kg | 220    | 660                    | U F1 cn       | R            | MS                  |
| J139126-1 | 410-139126-3 | Calcium                   | mg/kg | 8900   | 51                     | F2            | J            | REP                 |
| J139126-1 | 410-139126-3 | Lead                      | mg/kg | 18     | 0.26                   | F1            | J-           | MS                  |
| J139126-1 | 410-139126-3 | Lithium                   | mg/kg | 30     | 13                     | F2            | J            | REP                 |
| J139126-1 | 410-139126-3 | Selenium                  | mg/kg | 0.27   | 0.51                   | J F2          | J            | REP                 |
| J139126-1 | 410-139126-3 | Silver                    | mg/kg | 0.059  | 0.13                   | J F2          | J            | REP                 |
| J139126-1 | 410-139126-3 | Sodium                    | mg/kg | 430    | 64                     | F1 F2         | J-           | MS,REP              |
| J139126-1 | 410-139126-3 | Thallium                  | mg/kg | 0.38   | 0.13                   | F2            | J            | REP                 |
| J139126-1 | 410-139126-4 | Antimony                  | mg/kg | 0.11   | 0.26                   | U             | UJ           | MS                  |
| J139126-1 | 410-139126-4 | Arsenic                   | mg/kg | 4.8    | 0.53                   |               | J            | REP                 |
| J139126-1 | 410-139126-4 | Beryllium                 | mg/kg | 1.3    | 0.13                   |               | J            | REP                 |
| J139126-1 | 410-139126-4 | Cadmium                   | mg/kg | 0.13   | 0.13                   |               | J            | REP                 |
| J139126-1 | 410-139126-4 | Calcium                   | mg/kg | 2600   | 53                     |               | J            | REP                 |



Table 2. Summary of Qualified Data

| SDG       | Sample       | Analyte   | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|--------------|-----------|-------|--------|------------------------|---------------|--------------|---------------------|
| J139126-1 | 410-139126-4 | Lead      | mg/kg | 22     | 0.26                   |               | J-           | MS                  |
| J139126-1 | 410-139126-4 | Lithium   | mg/kg | 32     | 13                     |               | J            | REP                 |
| J139126-1 | 410-139126-4 | Selenium  | mg/kg | 0.34   | 0.53                   | J             | J            | REP                 |
| J139126-1 | 410-139126-4 | Silver    | mg/kg | 0.077  | 0.13                   | J             | J            | REP                 |
| J139126-1 | 410-139126-4 | Sodium    | mg/kg | 180    | 66                     |               | J-           | MS,REP              |
| J139126-1 | 410-139126-4 | Thallium  | mg/kg | 0.39   | 0.13                   |               | J            | REP                 |
| J139126-1 | 410-139126-5 | Antimony  | mg/kg | 0.084  | 0.18                   | J             | J-           | MS,REP              |
| J139126-1 | 410-139126-5 | Arsenic   | mg/kg | 4.5    | 0.37                   |               | J            | REP                 |
| J139126-1 | 410-139126-5 | Beryllium | mg/kg | 1.2    | 0.092                  |               | J            | REP                 |
| J139126-1 | 410-139126-5 | Cadmium   | mg/kg | 0.33   | 0.092                  |               | J            | REP                 |
| J139126-1 | 410-139126-5 | Calcium   | mg/kg | 3000   | 37                     |               | J            | REP                 |
| J139126-1 | 410-139126-5 | Lead      | mg/kg | 22     | 0.18                   |               | J-           | MS                  |
| J139126-1 | 410-139126-5 | Lithium   | mg/kg | 28     | 9.2                    |               | J            | REP                 |
| J139126-1 | 410-139126-5 | Selenium  | mg/kg | 0.47   | 0.37                   |               | J            | REP                 |
| J139126-1 | 410-139126-5 | Silver    | mg/kg | 0.059  | 0.092                  | J             | J            | REP                 |
| J139126-1 | 410-139126-5 | Sodium    | mg/kg | 150    | 46                     |               | J-           | MS,REP              |
| J139126-1 | 410-139126-5 | Thallium  | mg/kg | 0.29   | 0.092                  |               | J            | REP                 |
| J139126-1 | 410-139126-6 | Antimony  | mg/kg | 0.1    | 0.26                   | U             | UJ           | MS                  |
| J139126-1 | 410-139126-6 | Arsenic   | mg/kg | 4.8    | 0.51                   |               | J            | REP                 |
| J139126-1 | 410-139126-6 | Beryllium | mg/kg | 1.5    | 0.13                   |               | J            | REP                 |
| J139126-1 | 410-139126-6 | Cadmium   | mg/kg | 0.072  | 0.13                   | J             | J            | REP                 |
| J139126-1 | 410-139126-6 | Calcium   | mg/kg | 2200   | 51                     |               | J            | REP                 |
| J139126-1 | 410-139126-6 | Lead      | mg/kg | 15     | 0.26                   |               | J-           | MS                  |
| J139126-1 | 410-139126-6 | Lithium   | mg/kg | 34     | 13                     |               | J            | REP                 |
| J139126-1 | 410-139126-6 | Selenium  | mg/kg | 0.36   | 0.51                   | J             | J            | REP                 |
| J139126-1 | 410-139126-6 | Silver    | mg/kg | 0.052  | 0.13                   | U             | UJ           | REP                 |
| J139126-1 | 410-139126-6 | Sodium    | mg/kg | 250    | 64                     |               | J-           | MS,REP              |
| J139126-1 | 410-139126-6 | Thallium  | mg/kg | 0.37   | 0.13                   |               | J            | REP                 |
| J140000-1 | 410-140000-1 | Barium    | mg/kg | 190    | 0.51                   |               | J+           | MS                  |
| J140000-1 | 410-140000-1 | Cadmium   | mg/kg | 0.27   | 0.13                   |               | J            | REP                 |
| J140000-1 | 410-140000-1 | Calcium   | mg/kg | 4800   | 51                     |               | J            | REP                 |

Table 2. Summary of Qualified Data

| SDG       | Sample       | Analyte   | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|--------------|-----------|-------|--------|------------------------|---------------|--------------|---------------------|
| J140000-1 | 410-140000-1 | Manganese | mg/kg | 960    | 0.51                   |               | J-           | MS                  |
| J140000-1 | 410-140000-1 | Antimony  | mg/kg | 0.1    | 0.26                   | U             | UJ           | MS                  |
| J140000-1 | 410-140000-2 | Antimony  | mg/kg | 0.099  | 0.25                   | U             | UJ           | MS                  |
| J140000-1 | 410-140000-2 | Barium    | mg/kg | 270    | 2.5                    |               | J+           | MS                  |
| J140000-1 | 410-140000-2 | Cadmium   | mg/kg | 0.059  | 0.12                   | J             | J            | REP                 |
| J140000-1 | 410-140000-2 | Calcium   | mg/kg | 3600   | 49                     |               | J            | REP                 |
| J140000-1 | 410-140000-2 | Manganese | mg/kg | 520    | 0.49                   | ^2            | J-           | MS                  |
| J140000-1 | 410-140000-3 | Antimony  | mg/kg | 0.11   | 0.27                   | J             | J-           | MS                  |
| J140000-1 | 410-140000-3 | Barium    | mg/kg | 190    | 0.53                   |               | J+           | MS                  |
| J140000-1 | 410-140000-3 | Cadmium   | mg/kg | 0.2    | 0.13                   |               | J            | REP                 |
| J140000-1 | 410-140000-3 | Calcium   | mg/kg | 5100   | 53                     |               | J            | REP                 |
| J140000-1 | 410-140000-3 | Manganese | mg/kg | 800    | 0.53                   |               | J-           | MS                  |
| J140000-1 | 410-140000-4 | Antimony  | mg/kg | 0.097  | 0.24                   | J             | J-           | MS                  |
| J140000-1 | 410-140000-4 | Barium    | mg/kg | 190    | 0.48                   |               | J+           | MS                  |
| J140000-1 | 410-140000-4 | Cadmium   | mg/kg | 0.17   | 0.12                   |               | J            | REP                 |
| J140000-1 | 410-140000-4 | Calcium   | mg/kg | 3000   | 48                     |               | J            | REP                 |
| J140000-1 | 410-140000-4 | Manganese | mg/kg | 710    | 0.48                   |               | J-           | MS                  |
| J140000-1 | 410-140000-5 | Antimony  | mg/kg | 0.14   | 0.28                   | J             | J-           | MS                  |
| J140000-1 | 410-140000-5 | Barium    | mg/kg | 190    | 0.56                   |               | J+           | MS                  |
| J140000-1 | 410-140000-5 | Cadmium   | mg/kg | 0.27   | 0.14                   |               | J            | REP                 |
| J140000-1 | 410-140000-5 | Calcium   | mg/kg | 12000  | 56                     |               | J            | REP                 |
| J140000-1 | 410-140000-5 | Manganese | mg/kg | 890    | 0.56                   | ^2            | J-           | MS                  |
| J140000-1 | 410-140000-6 | Antimony  | mg/kg | 0.095  | 0.24                   | U             | UJ           | MS                  |
| J140000-1 | 410-140000-6 | Barium    | mg/kg | 310    | 2.4                    |               | J+           | MS                  |
| J140000-1 | 410-140000-6 | Cadmium   | mg/kg | 0.38   | 0.12                   |               | J            | REP                 |
| J140000-1 | 410-140000-6 | Calcium   | mg/kg | 5900   | 47                     |               | J            | REP                 |
| J140000-1 | 410-140000-6 | Manganese | mg/kg | 1800   | 2.4                    | ^2            | J-           | MS                  |
| J140000-1 | 410-140000-7 | Antimony  | mg/kg | 0.13   | 0.28                   | J             | J-           | MS                  |
| J140000-1 | 410-140000-7 | Barium    | mg/kg | 220    | 0.55                   |               | J+           | MS                  |
| J140000-1 | 410-140000-7 | Cadmium   | mg/kg | 0.14   | 0.14                   |               | J            | REP                 |
| J140000-1 | 410-140000-7 | Calcium   | mg/kg | 2800   | 55                     |               | J            | REP                 |

Table 2. Summary of Qualified Data

| SDG       | Sample        | Analyte   | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|---------------|-----------|-------|--------|------------------------|---------------|--------------|---------------------|
| J140000-1 | 410-140000-7  | Manganese | mg/kg | 990    | 0.55                   |               | J-           | MS                  |
| J140000-1 | 410-140000-8  | Antimony  | mg/kg | 0.11   | 0.26                   | U             | UJ           | MS                  |
| J140000-1 | 410-140000-8  | Barium    | mg/kg | 340    | 2.6                    |               | J+           | MS                  |
| J140000-1 | 410-140000-8  | Cadmium   | mg/kg | 0.053  | 0.13                   | U             | UJ           | REP                 |
| J140000-1 | 410-140000-8  | Calcium   | mg/kg | 3800   | 53                     |               | J            | REP                 |
| J140000-1 | 410-140000-8  | Manganese | mg/kg | 540    | 0.53                   |               | J-           | MS                  |
| J140000-1 | 410-140000-9  | Antimony  | mg/kg | 0.15   | 0.34                   | J             | J-           | MS                  |
| J140000-1 | 410-140000-9  | Barium    | mg/kg | 190    | 0.68                   |               | J+           | MS                  |
| J140000-1 | 410-140000-9  | Cadmium   | mg/kg | 0.54   | 0.17                   |               | J            | REP                 |
| J140000-1 | 410-140000-9  | Calcium   | mg/kg | 3300   | 68                     |               | J            | REP                 |
| J140000-1 | 410-140000-9  | Manganese | mg/kg | 970    | 0.68                   | ^2            | J-           | MS                  |
| J140000-1 | 410-140000-10 | Barium    | mg/kg | 210    | 0.53                   |               | J+           | MS                  |
| J140000-1 | 410-140000-10 | Cadmium   | mg/kg | 0.057  | 0.13                   | J             | J            | REP                 |
| J140000-1 | 410-140000-10 | Calcium   | mg/kg | 2700   | 53                     |               | J            | REP                 |
| J140000-1 | 410-140000-10 | Manganese | mg/kg | 1100   | 0.53                   |               | J-           | MS                  |
| J140000-1 | 410-140000-10 | Antimony  | mg/kg | 0.11   | 0.27                   | U             | UJ           | MS                  |
| J140000-1 | 410-140000-12 | Barium    | mg/kg | 240    | 0.77                   |               | J+           | MS                  |
| J140000-1 | 410-140000-12 | Cadmium   | mg/kg | 0.2    | 0.19                   |               | J            | REP                 |
| J140000-1 | 410-140000-12 | Calcium   | mg/kg | 5600   | 77                     |               | J            | REP                 |
| J140000-1 | 410-140000-12 | Manganese | mg/kg | 1100   | 0.77                   |               | J-           | MS                  |
| J140000-1 | 410-140000-12 | Antimony  | mg/kg | 0.15   | 0.38                   | J             | J-           | MS                  |
| J140000-1 | 410-140000-13 | Barium    | mg/kg | 230    | 0.56                   |               | J+           | MS                  |
| J140000-1 | 410-140000-13 | Cadmium   | mg/kg | 0.13   | 0.14                   | J             | J            | REP                 |
| J140000-1 | 410-140000-13 | Calcium   | mg/kg | 2400   | 56                     |               | J            | REP                 |
| J140000-1 | 410-140000-13 | Manganese | mg/kg | 840    | 0.56                   |               | J-           | MS                  |
| J140000-1 | 410-140000-13 | Antimony  | mg/kg | 0.11   | 0.28                   | U             | UJ           | MS                  |
| J140000-1 | 410-140000-14 | Antimony  | mg/kg | 0.25   | 0.22                   | F1            | J-           | MS                  |
| J140000-1 | 410-140000-14 | Barium    | mg/kg | 180    | 2.2                    | F1            | J+           | MS                  |
| J140000-1 | 410-140000-14 | Cadmium   | mg/kg | 0.12   | 0.11                   |               | J            | REP                 |
| J140000-1 | 410-140000-14 | Calcium   | mg/kg | 15000  | 43                     | F2            | J            | REP                 |
| J140000-1 | 410-140000-14 | Manganese | mg/kg | 540    | 0.43                   |               | J-           | MS                  |

Table 2. Summary of Qualified Data

| SDG       | Sample        | Analyte                   | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|---------------|---------------------------|-------|--------|------------------------|---------------|--------------|---------------------|
| J140000-1 | 410-140000-14 | 1,2,4-Trichlorobenzene    | µg/kg | 4.9    | 9.7                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | 1,2-Dichlorobenzene       | µg/kg | 0.68   | 4.9                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | 1,2-Dichloropropane       | µg/kg | 0.49   | 4.9                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | 1,4-Dichlorobenzene       | µg/kg | 0.68   | 4.9                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | Chlorobenzene             | µg/kg | 0.68   | 4.9                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | Ethylbenzene              | µg/kg | 0.68   | 4.9                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | m,p-Xylene                | µg/kg | 1.9    | 4.9                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | Styrene                   | µg/kg | 0.68   | 4.9                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | Toluene                   | µg/kg | 0.58   | 4.9                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | o-Xylene                  | µg/kg | 0.68   | 4.9                    | U F1          | UJ           | MS                  |
| J140000-1 | 410-140000-14 | Hexachlorocyclopentadiene | µg/kg | 190    | 570                    | U*+F1cn       | UJ           | MS                  |
| J140000-1 | 410-140000-18 | Antimony                  | mg/kg | 0.11   | 0.26                   | J             | J-           | MS                  |
| J140000-1 | 410-140000-18 | Barium                    | mg/kg | 220    | 0.52                   |               | J+           | MS                  |
| J140000-1 | 410-140000-18 | Cadmium                   | mg/kg | 0.3    | 0.13                   |               | J            | REP                 |
| J140000-1 | 410-140000-18 | Calcium                   | mg/kg | 6700   | 52                     |               | J            | REP                 |
| J140000-1 | 410-140000-18 | Manganese                 | mg/kg | 600    | 0.52                   |               | J-           | MS                  |
| J140330-1 | 410-140330-1  | Antimony                  | mg/kg | 0.11   | 0.26                   | U             | UJ           | MS                  |
| J140330-1 | 410-140330-1  | Cadmium                   | mg/kg | 0.07   | 0.13                   | J             | J            | REP                 |
| J140330-1 | 410-140330-1  | Cobalt                    | mg/kg | 22     | 0.26                   |               | J            | REP                 |
| J140330-1 | 410-140330-1  | Lead                      | mg/kg | 20     | 0.26                   |               | J+           | MS                  |
| J140330-1 | 410-140330-1  | Manganese                 | mg/kg | 810    | 0.53                   |               | J            | REP                 |
| J140330-1 | 410-140330-1  | Nickel                    | mg/kg | 40     | 0.53                   |               | J            | REP                 |
| J140330-1 | 410-140330-1  | Vanadium                  | mg/kg | 89     | 1.1                    |               | J+           | MS                  |
| J140330-1 | 410-140330-1  | 2,4-Dinitrophenol         | µg/kg | 220    | 1300                   | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-1  | 4,6-Dinitro-o-cresol      | µg/kg | 220    | 670                    | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-2  | Antimony                  | mg/kg | 0.064  | 0.16                   | U             | UJ           | MS                  |
| J140330-1 | 410-140330-2  | Cadmium                   | mg/kg | 0.032  | 0.08                   | U             | UJ           | REP                 |
| J140330-1 | 410-140330-2  | Cobalt                    | mg/kg | 3.8    | 0.16                   |               | J            | REP                 |
| J140330-1 | 410-140330-2  | Lead                      | mg/kg | 4.2    | 0.16                   |               | J+           | MS                  |
| J140330-1 | 410-140330-2  | Manganese                 | mg/kg | 370    | 0.32                   |               | J            | REP                 |
| J140330-1 | 410-140330-2  | Nickel                    | mg/kg | 7.6    | 0.32                   |               | J            | REP                 |

Table 2. Summary of Qualified Data

| SDG       | Sample       | Analyte              | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|--------------|----------------------|-------|--------|------------------------|---------------|--------------|---------------------|
| J140330-1 | 410-140330-2 | Vanadium             | mg/kg | 18     | 0.64                   |               | J+           | MS                  |
| J140330-1 | 410-140330-2 | 2,4-Dinitrophenol    | µg/kg | 180    | 1100                   | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-2 | 4,6-Dinitro-o-cresol | µg/kg | 180    | 540                    | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-3 | Antimony             | mg/kg | 0.12   | 0.2                    | J             | J-           | MS                  |
| J140330-1 | 410-140330-3 | Cadmium              | mg/kg | 0.2    | 0.099                  |               | J            | REP                 |
| J140330-1 | 410-140330-3 | Cobalt               | mg/kg | 19     | 0.2                    |               | J            | REP                 |
| J140330-1 | 410-140330-3 | Lead                 | mg/kg | 25     | 0.2                    |               | J+           | MS                  |
| J140330-1 | 410-140330-3 | Manganese            | mg/kg | 860    | 0.4                    |               | J            | REP                 |
| J140330-1 | 410-140330-3 | Nickel               | mg/kg | 29     | 0.4                    |               | J            | REP                 |
| J140330-1 | 410-140330-3 | Vanadium             | mg/kg | 75     | 0.79                   |               | J+           | MS                  |
| J140330-1 | 410-140330-3 | 2,4-Dinitrophenol    | µg/kg | 210    | 1300                   | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-3 | 4,6-Dinitro-o-cresol | µg/kg | 210    | 640                    | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-4 | Antimony             | mg/kg | 0.07   | 0.18                   | U             | UJ           | MS                  |
| J140330-1 | 410-140330-4 | Cadmium              | mg/kg | 0.13   | 0.088                  |               | J            | REP                 |
| J140330-1 | 410-140330-4 | Cobalt               | mg/kg | 14     | 0.18                   |               | J            | REP                 |
| J140330-1 | 410-140330-4 | Lead                 | mg/kg | 10     | 0.18                   |               | J+           | MS                  |
| J140330-1 | 410-140330-4 | Manganese            | mg/kg | 730    | 0.35                   |               | J            | REP                 |
| J140330-1 | 410-140330-4 | Nickel               | mg/kg | 33     | 0.35                   |               | J            | REP                 |
| J140330-1 | 410-140330-4 | Vanadium             | mg/kg | 65     | 0.7                    |               | J+           | MS                  |
| J140330-1 | 410-140330-4 | 2,4-Dinitrophenol    | µg/kg | 210    | 1300                   | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-4 | 4,6-Dinitro-o-cresol | µg/kg | 210    | 630                    | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-5 | Antimony             | mg/kg | 0.072  | 0.18                   | U F1          | UJ           | MS                  |
| J140330-1 | 410-140330-5 | Cadmium              | mg/kg | 0.36   | 0.09                   |               | J            | REP                 |
| J140330-1 | 410-140330-5 | Cobalt               | mg/kg | 14     | 0.18                   |               | J            | REP                 |
| J140330-1 | 410-140330-5 | Lead                 | mg/kg | 11     | 0.18                   | F1            | J+           | MS                  |
| J140330-1 | 410-140330-5 | Manganese            | mg/kg | 1400   | 1.8                    | ^2 F2         | J            | REP                 |
| J140330-1 | 410-140330-5 | Nickel               | mg/kg | 39     | 0.36                   |               | J            | REP                 |
| J140330-1 | 410-140330-5 | Vanadium             | mg/kg | 57     | 0.72                   | F1            | J+           | MS                  |
| J140330-1 | 410-140330-5 | 2,4-Dimethylphenol   | µg/kg | 21     | 46                     | U F1          | UJ           | MS                  |
| J140330-1 | 410-140330-5 | 2,4-Dinitrophenol    | µg/kg | 210    | 1200                   | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-5 | 4,6-Dinitro-o-cresol | µg/kg | 210    | 620                    | U *- cn       | UJ           | LCS                 |

Table 2. Summary of Qualified Data

| SDG       | Sample       | Analyte                   | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|--------------|---------------------------|-------|--------|------------------------|---------------|--------------|---------------------|
| J140330-1 | 410-140330-5 | 4-Chloroaniline           | µg/kg | 42     | 210                    | U F2 F1       | UJ           | MS                  |
| J140330-1 | 410-140330-5 | 4-Nitroaniline            | µg/kg | 42     | 210                    | U F1 F2       | UJ           | MS                  |
| J140330-1 | 410-140330-5 | Anthracene                | µg/kg | 58     | 21                     | F1            | J-           | MS                  |
| J140330-1 | 410-140330-5 | Benzo[a]pyrene            | µg/kg | 27     | 21                     | F1            | J-           | MS                  |
| J140330-1 | 410-140330-5 | Benzo[k]fluoranthene      | µg/kg | 41     | 21                     | F1            | J-           | MS                  |
| J140330-1 | 410-140330-5 | Carbazole                 | µg/kg | 31     | 46                     | J F1          | J-           | MS                  |
| J140330-1 | 410-140330-5 | Fluoranthene              | µg/kg | 140    | 21                     | F1            | J-           | MS                  |
| J140330-1 | 410-140330-5 | Hexachloroethane          | µg/kg | 42     | 210                    | U F1          | UJ           | MS                  |
| J140330-1 | 410-140330-5 | Hexachlorocyclopentadiene | µg/kg | 210    | 620                    | U F1          | R            | MS                  |
| J140330-1 | 410-140330-5 | Phenanthrene              | µg/kg | 100    | 21                     | F1            | J-           | MS                  |
| J140330-1 | 410-140330-5 | Pyrene                    | µg/kg | 130    | 21                     | F1            | J-           | MS                  |
| J140330-1 | 410-140330-6 | Antimony                  | mg/kg | 0.093  | 0.22                   | J             | J-           | MS                  |
| J140330-1 | 410-140330-6 | Cadmium                   | mg/kg | 0.095  | 0.11                   | J             | J            | REP                 |
| J140330-1 | 410-140330-6 | Cobalt                    | mg/kg | 20     | 0.22                   |               | J            | REP                 |
| J140330-1 | 410-140330-6 | Lead                      | mg/kg | 17     | 0.22                   |               | J+           | MS                  |
| J140330-1 | 410-140330-6 | Manganese                 | mg/kg | 600    | 0.45                   |               | J            | REP                 |
| J140330-1 | 410-140330-6 | Nickel                    | mg/kg | 43     | 0.45                   |               | J            | REP                 |
| J140330-1 | 410-140330-6 | Vanadium                  | mg/kg | 91     | 0.89                   |               | J+           | MS                  |
| J140330-1 | 410-140330-6 | 2,4-Dinitrophenol         | µg/kg | 220    | 1300                   | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-6 | 4,6-Dinitro-o-cresol      | µg/kg | 220    | 670                    | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-7 | Antimony                  | mg/kg | 0.097  | 0.24                   | U             | UJ           | MS                  |
| J140330-1 | 410-140330-7 | Cadmium                   | mg/kg | 0.11   | 0.12                   | J             | J            | REP                 |
| J140330-1 | 410-140330-7 | Cobalt                    | mg/kg | 14     | 0.24                   |               | J            | REP                 |
| J140330-1 | 410-140330-7 | Lead                      | mg/kg | 10     | 0.24                   |               | J+           | MS                  |
| J140330-1 | 410-140330-7 | Manganese                 | mg/kg | 630    | 0.48                   |               | J            | REP                 |
| J140330-1 | 410-140330-7 | Nickel                    | mg/kg | 31     | 0.48                   |               | J            | REP                 |
| J140330-1 | 410-140330-7 | Vanadium                  | mg/kg | 64     | 0.97                   |               | J+           | MS                  |
| J140330-1 | 410-140330-7 | 2,4-Dinitrophenol         | µg/kg | 210    | 1300                   | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-7 | 4,6-Dinitro-o-cresol      | µg/kg | 210    | 640                    | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-8 | Antimony                  | mg/kg | 0.097  | 0.24                   | U             | UJ           | MS                  |
| J140330-1 | 410-140330-8 | Cadmium                   | mg/kg | 0.048  | 0.12                   | J             | J            | REP                 |



Table 2. Summary of Qualified Data

| SDG       | Sample       | Analyte              | Units | Result | Method Reporting Limit | Lab Qualifier | DV Qualifier | DV Qualifier Reason |
|-----------|--------------|----------------------|-------|--------|------------------------|---------------|--------------|---------------------|
| J140330-1 | 410-140330-8 | Cobalt               | mg/kg | 16     | 0.24                   |               | J            | REP                 |
| J140330-1 | 410-140330-8 | Lead                 | mg/kg | 16     | 0.24                   |               | J+           | MS                  |
| J140330-1 | 410-140330-8 | Manganese            | mg/kg | 490    | 0.48                   |               | J            | REP                 |
| J140330-1 | 410-140330-8 | Nickel               | mg/kg | 36     | 0.48                   |               | J            | REP                 |
| J140330-1 | 410-140330-8 | Vanadium             | mg/kg | 90     | 0.97                   |               | J+           | MS                  |
| J140330-1 | 410-140330-8 | 2,4-Dinitrophenol    | µg/kg | 220    | 1300                   | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-8 | 4,6-Dinitro-o-cresol | µg/kg | 220    | 650                    | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-9 | Antimony             | mg/kg | 0.081  | 0.2                    | U             | UJ           | MS                  |
| J140330-1 | 410-140330-9 | Cadmium              | mg/kg | 0.11   | 0.1                    |               | J            | REP                 |
| J140330-1 | 410-140330-9 | Cobalt               | mg/kg | 5.2    | 0.2                    |               | J            | REP                 |
| J140330-1 | 410-140330-9 | Lead                 | mg/kg | 4.3    | 0.2                    |               | J+           | MS                  |
| J140330-1 | 410-140330-9 | Manganese            | mg/kg | 520    | 0.4                    |               | J            | REP                 |
| J140330-1 | 410-140330-9 | Nickel               | mg/kg | 10     | 0.4                    |               | J            | REP                 |
| J140330-1 | 410-140330-9 | Vanadium             | mg/kg | 23     | 0.81                   |               | J+           | MS                  |
| J140330-1 | 410-140330-9 | 2,4-Dinitrophenol    | µg/kg | 200    | 1200                   | U *- cn       | UJ           | LCS                 |
| J140330-1 | 410-140330-9 | 4,6-Dinitro-o-cresol | µg/kg | 200    | 610                    | U *- cn       | UJ           | LCS                 |

Notes:

LCS = laboratory control sample recovery

MS = matrix spike recovery

REP = replicate imprecision

Qualifiers:

J = The result is an estimated quantity.

J- = The result is an estimated quantity with low bias.

J+ = The result is an estimated quantity with high bias.

R = Rejected. The data are unusable.

UJ = Estimated and not detected. The analyte is considered estimated and not detected. The analyte is considered not detected at the reported value, and the associated numerical value is an estimated value.

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte                     | CAS<br>Number | NYSDEC SCOS     | NYSDEC SSCOS    | NYSDEC SCOS     | Sample Location       | SS-1            | SS-1            | SS-2            | SS-2             |
|-----------------------------|---------------|-----------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------|------------------|
|                             |               | 2006 Protection | 2010 Protection | 2006 Commercial | Sample Identification | SS-1 (0-0.25)   | SS-1 (0.75-1)   | SS-2 (0-0.25)   | SS-2 (0.75-1)    |
|                             |               | of Groundwater  | of Groundwater  | Soil            | Laboratory ID         | 410-140000-5    | 410-140000-6    | 410-140000-3    | 410-140000-4     |
|                             |               | Soil            | Soil            |                 | Sample Date           | 8/22/2023 10:08 | 8/22/2023 10:08 | 8/22/2023 9:08  | 8/22/2023 9:08   |
|                             |               |                 |                 |                 | Sample Type           | N               | N               | N               | N                |
| 1,1"-Biphenyl               | 92524         |                 |                 |                 |                       |                 |                 |                 |                  |
| 2,4,5-Trichlorophenol       | 95954         |                 | 0.1             |                 |                       |                 |                 |                 |                  |
| 2,4,6-Trichlorophenol       | 88062         |                 |                 |                 |                       |                 |                 |                 |                  |
| 2-Chloronaphthalene         | 91587         |                 |                 |                 |                       |                 |                 |                 |                  |
| 2-Methylnaphthalene         | 91576         |                 | 36.4            |                 |                       |                 |                 | 0.0099 <i>J</i> |                  |
| 4-Bromophenyl-phenylether   | 101553        |                 |                 |                 |                       |                 |                 |                 |                  |
| 4-Chlorophenyl-phenyl ether | 7005723       |                 |                 |                 |                       |                 |                 |                 |                  |
| 4-Methylphenol              | 106445        | 0.33            |                 | 500             |                       |                 |                 |                 |                  |
| Acenaphthene                | 83329         | 98              |                 | 500             |                       |                 |                 |                 |                  |
| Acenaphthylene              | 208968        | 107             |                 | 500             |                       | 0.0077 <i>J</i> |                 | 0.15            | 0.016 <i>J</i>   |
| Acetophenone                | 98862         |                 |                 |                 |                       |                 |                 | 0.028 <i>J</i>  |                  |
| Aluminum                    | 7429905       |                 |                 |                 |                       | 33000           | 38000           | 30000           | 32000            |
| Anthracene                  | 120127        | 1000            |                 | 500             |                       |                 |                 | 0.063           | 0.0078 <i>J</i>  |
| Antimony                    | 7440360       |                 |                 |                 |                       | 0.14 <i>J</i> - |                 | 0.11 <i>J</i> - | 0.097 <i>J</i> - |
| Arsenic                     | 7440382       | 16              |                 | 16              |                       | 3.1             | 4.4             | 3.6             | 3.4              |
| Barium                      | 7440393       | 820             |                 | 400             |                       | 190 <i>J</i> +  | 310 <i>J</i> +  | 190 <i>J</i> +  | 190 <i>J</i> +   |
| Benzaldehyde                | 100527        |                 |                 |                 |                       | 0.071 <i>J</i>  | 0.06 <i>J</i>   | 0.14 <i>J</i>   |                  |
| Benzene                     | 71432         | 0.06            |                 | 44              |                       |                 |                 |                 |                  |
| Beryllium                   | 7440417       | 47              |                 | 590             |                       | 1.1             | 1.3             | 1.2             | 1.2              |
| Benzo[a]anthracene          | 56553         | 1               |                 | 5.6             |                       | 0.015 <i>J</i>  | 0.0063 <i>J</i> | 0.33            | 0.021            |
| Benzo[a]pyrene              | 50328         | 22              |                 | 1               |                       | 0.02 <i>J</i>   |                 | 0.49            | 0.035            |
| Benzo[b]fluoranthene        | 205992        | 1.7             |                 | 5.6             |                       | 0.025           | 0.011 <i>J</i>  | 0.64            | 0.048            |
| Benzo[g,h,i]perylene        | 191242        | 1000            |                 | 500             |                       | 0.017 <i>J</i>  |                 | 0.38            | 0.028            |
| Benzo[k]fluoranthene        | 207089        | 1.7             |                 | 56              |                       | 0.0082 <i>J</i> |                 | 0.19            | 0.014 <i>J</i>   |
| Cadmium                     | 7440439       | 7.5             |                 | 9.3             |                       | 0.27 <i>J</i>   | 0.38 <i>J</i>   | 0.2 <i>J</i>    | 0.17 <i>J</i>    |
| Calcium                     | 7440702       |                 |                 |                 |                       | 12000 <i>J</i>  | 5900 <i>J</i>   | 5100 <i>J</i>   | 3000 <i>J</i>    |
| Carbazole                   | 86748         |                 |                 |                 |                       |                 |                 |                 |                  |
| Chromium                    | 7440473       |                 |                 |                 |                       | 38              | 49              | 41              | 42               |
| Chrysene                    | 218019        | 1               |                 | 56              |                       | 0.022 <i>J</i>  | 0.01 <i>J</i>   | 0.48            | 0.041            |
| Cobalt                      | 7440484       |                 |                 |                 |                       | 12              | 27              | 18              | 16               |
| Copper                      | 7440508       | 1720            |                 | 270             |                       | 16              | 26              | 21              | 19               |
| Dibenz[a,h]anthracene       | 53703         | 1000            |                 | 0.56            |                       |                 |                 | 0.097           | 0.0096 <i>J</i>  |
| Dibenzofuran                | 132649        | 210             | 6.2             | 350             |                       |                 |                 |                 |                  |
| Fluoranthene                | 206440        | 1000            |                 | 500             |                       | 0.033           | 0.012 <i>J</i>  | 0.49            | 0.051            |
| Fluorene                    | 86737         | 386             |                 | 500             |                       |                 |                 |                 |                  |
| Hexachlorobenzene           | 118741        | 3.2             | 1.4             | 6               |                       |                 |                 |                 |                  |
| Hexachlorobutadiene         | 87683         |                 |                 |                 |                       |                 |                 |                 |                  |
| Indeno[1,2,3-cd]pyrene      | 193395        | 8.2             |                 | 5.6             |                       | 0.014 <i>J</i>  |                 | 0.35            | 0.024            |
| Iron                        | 7439896       |                 |                 |                 |                       | 31000           | 41000           | 35000           | 34000            |
| Lead                        | 7439921       | 450             |                 | 1000            |                       | 17              | 16              | 23              | 21               |
| Lithium                     | 7439932       |                 |                 |                 |                       | 22              | 23              | 25              | 27               |

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte      | CAS<br>Number | NYSDEC SCOS     | NYSDEC SSCOS    | NYSDEC SCOS     | Sample Location       | SS-1            | SS-1            | SS-2           | SS-2           |
|--------------|---------------|-----------------|-----------------|-----------------|-----------------------|-----------------|-----------------|----------------|----------------|
|              |               | 2006 Protection | 2010 Protection | 2006 Commercial | Sample Identification | SS-1 (0-0.25)   | SS-1 (0.75-1)   | SS-2 (0-0.25)  | SS-2 (0.75-1)  |
|              |               | of Groundwater  | of Groundwater  | Soil            | Laboratory ID         | 410-140000-5    | 410-140000-6    | 410-140000-3   | 410-140000-4   |
|              |               | Soil            | Soil            |                 | Sample Date           | 8/22/2023 10:08 | 8/22/2023 10:08 | 8/22/2023 9:08 | 8/22/2023 9:08 |
|              |               |                 |                 |                 | Sample Type           | N               | N               | N              | N              |
| Magnesium    | 7439954       |                 |                 |                 |                       | 6500            | 7900            | 8600           | 8700           |
| Manganese    | 7439965       | 2000            |                 | 10000           |                       | 890 <i>J-</i>   | 1800 <i>J-</i>  | 800 <i>J-</i>  | 710 <i>J-</i>  |
| Mercury      | 7439976       | 0.73            |                 | 2.8             |                       | 0.062 <i>J</i>  | 0.039 <i>J</i>  | 0.045 <i>J</i> | 0.039 <i>J</i> |
| Naphthalene  | 91203         | 12              |                 | 500             |                       |                 |                 | 0.026          |                |
| Nickel       | 7440020       | 130             |                 | 310             |                       | 22              | 35              | 25             | 26             |
| Phenanthrene | 85018         | 1000            |                 | 500             |                       | 0.017 <i>J</i>  |                 | 0.11           | 0.021          |
| Phenol       | 108952        | 0.33            |                 | 500             |                       |                 |                 |                |                |
| Potassium    | 7440097       |                 |                 |                 |                       | 4000            | 5500            | 5200           | 5500           |
| Pyrene       | 129000        | 1000            |                 | 500             |                       | 0.029           | 0.0098 <i>J</i> | 0.49           | 0.05           |
| Selenium     | 7782492       | 4               |                 | 1500            |                       | 0.37 <i>J</i>   | 0.38 <i>J</i>   | 0.39 <i>J</i>  | 0.34 <i>J</i>  |
| Silver       | 7440224       | 8.3             |                 | 1500            |                       | 0.069 <i>J</i>  | 0.1 <i>J</i>    | 0.068 <i>J</i> | 0.055 <i>J</i> |
| Sodium       | 7440235       |                 |                 |                 |                       | 140             | 150             | 180            | 180            |
| Thallium     | 7440280       |                 |                 |                 |                       | 0.29            | 0.37            | 0.3            | 0.34           |
| Toluene      | 108883        | 0.7             |                 | 500             |                       |                 |                 |                |                |
| Vanadium     | 7440622       |                 |                 |                 |                       | 57              | 77              | 66             | 65             |
| Zinc         | 7440666       | 2480            |                 | 10000           |                       | 82              | 79              | 93             | 130            |

Notes:  
Bold = Exceeds NYSDEC SCOS 2006 Commercial Soil

NYSDEC SCOS 2006 Protection of Groundwater Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Protection of Groundwater Soil  
NYSDEC SSCOS 2010 Protection of Groundwater Soil - NYSDEC 2010 Supplemental Soil Cleanup Objective (SSCO) for Protection of Groundwater Soil  
NYSDEC SCOS 2006 Commercial Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Commercial Use Soil

Qualifiers:  
J = Estimated value  
J+ = Estimated value, may have a potential positive bias  
J- = Estimated value, may have a potential negative bias

mg/kg = milligrams per kilograms  
N = Normal field sample  
CAS = Chemical Abstract Service  
NYSDEC = New York State Department of Environmental Conservation

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte                     | CAS<br>Number | NYSDEC SCOS     | NYSDEC SSCOS    | NYSDEC SCOS     | Sample Location       | SS-3            | SS-3            | SS-4                | SS-4                |
|-----------------------------|---------------|-----------------|-----------------|-----------------|-----------------------|-----------------|-----------------|---------------------|---------------------|
|                             |               | 2006 Protection | 2010 Protection | 2006 Commercial | Sample Identification | SS-3 (0-0.25)   | SS-3 (0.75-1)   | SS-4 (0-0.25)       | SS-4 (0.75-1)       |
|                             |               | of Groundwater  | of Groundwater  | Soil            | Laboratory ID         | 410-140000-1    | 410-140000-2    | 410-139126-1        | 410-139126-2        |
|                             |               | Soil            | Soil            |                 | Sample Date           | 8/22/2023 8:08  | 8/22/2023 8:08  | 8/14/2023 2:08      | 8/14/2023 2:08      |
|                             |               |                 |                 |                 | Sample Type           | N               | N               | N                   | N                   |
| 1,1"-Biphenyl               | 92524         |                 |                 |                 |                       |                 |                 |                     |                     |
| 2,4,5-Trichlorophenol       | 95954         |                 | 0.1             |                 |                       |                 |                 |                     |                     |
| 2,4,6-Trichlorophenol       | 88062         |                 |                 |                 |                       |                 |                 |                     |                     |
| 2-Chloronaphthalene         | 91587         |                 |                 |                 |                       |                 |                 |                     |                     |
| 2-Methylnaphthalene         | 91576         |                 | 36.4            |                 |                       | 0.0071 <i>J</i> |                 |                     | 0.018 <i>J</i>      |
| 4-Bromophenyl-phenylether   | 101553        |                 |                 |                 |                       |                 |                 |                     |                     |
| 4-Chlorophenyl-phenyl ether | 7005723       |                 |                 |                 |                       |                 |                 |                     |                     |
| 4-Methylphenol              | 106445        | 0.33            |                 | 500             |                       |                 |                 | 0.043 <i>J</i>      |                     |
| Acenaphthene                | 83329         | 98              |                 | 500             |                       |                 |                 |                     |                     |
| Acenaphthylene              | 208968        | 107             |                 | 500             |                       |                 |                 |                     |                     |
| Acetophenone                | 98862         |                 |                 |                 |                       | 0.055 <i>J</i>  |                 |                     |                     |
| Aluminum                    | 7429905       |                 |                 |                 |                       | 30000           | 36000           | 46000               | 68000               |
| Anthracene                  | 120127        | 1000            |                 | 500             |                       |                 |                 |                     |                     |
| Antimony                    | 7440360       |                 |                 |                 |                       |                 |                 | 0.14 <i>J</i> -     |                     |
| Arsenic                     | 7440382       | 16              |                 | 16              |                       | 3.7             | 3.8             | 4.6                 | 6.2                 |
| Barium                      | 7440393       | 820             |                 | 400             |                       | 190 <i>J</i> +  | 270 <i>J</i> +  | <b>420</b> <i>J</i> | <b>630</b> <i>J</i> |
| Benzaldehyde                | 100527        |                 |                 |                 |                       | 0.2 <i>J</i>    |                 | 0.2 <i>J</i>        | 0.075 <i>J</i>      |
| Benzene                     | 71432         | 0.06            |                 | 44              |                       |                 |                 |                     |                     |
| Beryllium                   | 7440417       | 47              |                 | 590             |                       | 1.2             | 1.3             | 1.9                 | 3.1                 |
| Benzo[a]anthracene          | 56553         | 1               |                 | 5.6             |                       | 0.011 <i>J</i>  |                 | 0.015 <i>J</i>      |                     |
| Benzo[a]pyrene              | 50328         | 22              |                 | 1               |                       |                 |                 |                     |                     |
| Benzo[b]fluoranthene        | 205992        | 1.7             |                 | 5.6             |                       |                 |                 | 0.037               |                     |
| Benzo[g,h,i]perylene        | 191242        | 1000            |                 | 500             |                       |                 |                 | 0.057               |                     |
| Benzo[k]fluoranthene        | 207089        | 1.7             |                 | 56              |                       |                 |                 | 0.017 <i>J</i>      |                     |
| Cadmium                     | 7440439       | 7.5             |                 | 9.3             |                       | 0.27 <i>J</i>   | 0.059 <i>J</i>  | 0.63                | 0.63                |
| Calcium                     | 7440702       |                 |                 |                 |                       | 4800 <i>J</i>   | 3600 <i>J</i>   | 10000               | 10000               |
| Carbazole                   | 86748         |                 |                 |                 |                       |                 |                 |                     |                     |
| Chromium                    | 7440473       |                 |                 |                 |                       | 41              | 53              | 54 <i>J</i> +       | 83 <i>J</i> +       |
| Chrysene                    | 218019        | 1               |                 | 56              |                       | 0.016 <i>J</i>  | 0.0074 <i>J</i> | 0.026               | 0.0053 <i>J</i>     |
| Cobalt                      | 7440484       |                 |                 |                 |                       | 18              | 23              | 11                  | 18                  |
| Copper                      | 7440508       | 1720            |                 | 270             |                       | 20              | 29              | 35                  | 60                  |
| Dibenz[a,h]anthracene       | 53703         | 1000            |                 | 0.56            |                       |                 |                 | 0.027               |                     |
| Dibenzofuran                | 132649        | 210             | 6.2             | 350             |                       |                 |                 |                     |                     |
| Fluoranthene                | 206440        | 1000            |                 | 500             |                       | 0.027           | 0.011 <i>J</i>  | 0.025 <i>J</i>      |                     |
| Fluorene                    | 86737         | 386             |                 | 500             |                       |                 |                 |                     |                     |
| Hexachlorobenzene           | 118741        | 3.2             | 1.4             | 6               |                       |                 |                 |                     |                     |
| Hexachlorobutadiene         | 87683         |                 |                 |                 |                       |                 |                 |                     |                     |
| Indeno[1,2,3-cd]pyrene      | 193395        | 8.2             |                 | 5.6             |                       | 0.013 <i>J</i>  |                 | 0.04                |                     |
| Iron                        | 7439896       |                 |                 |                 |                       | 33000           | 36000           | 41000 <i>J</i>      | 54000 <i>J</i>      |
| Lead                        | 7439921       | 450             |                 | 1000            |                       | 19              | 14              | 15 <i>J</i> +       | 17 <i>J</i> +       |
| Lithium                     | 7439932       |                 |                 |                 |                       | 22              | 27              | 26                  | 40                  |

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte      | CAS<br>Number | NYSDEC SCOS<br>2006 Protection<br>of Groundwater<br>Soil | NYSDEC SSCOS<br>2010 Protection<br>of Groundwater<br>Soil | NYSDEC SCOS<br>2006 Commercial<br>Soil | Sample Location<br>Sample Identification<br>Laboratory ID<br>Sample Date<br>Sample Type | SS-3<br>SS-3 (0-0.25)<br>410-140000-1<br>8/22/2023 8:08<br>N | SS-3<br>SS-3 (0.75-1)<br>410-140000-2<br>8/22/2023 8:08<br>N | SS-4<br>SS-4 (0-0.25)<br>410-139126-1<br>8/14/2023 2:08<br>N | SS-4<br>SS-4 (0.75-1)<br>410-139126-2<br>8/14/2023 2:08<br>N |
|--------------|---------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
|              |               |                                                          |                                                           |                                        |                                                                                         |                                                              |                                                              |                                                              |                                                              |
| Magnesium    | 7439954       |                                                          |                                                           |                                        |                                                                                         | 8600                                                         | 10000                                                        | 8300                                                         | 13000                                                        |
| Manganese    | 7439965       | 2000                                                     |                                                           | 10000                                  |                                                                                         | 960 <i>J-</i>                                                | 520 <i>J-</i>                                                | 850                                                          | 1100                                                         |
| Mercury      | 7439976       | 0.73                                                     |                                                           | 2.8                                    |                                                                                         | 0.034 <i>J</i>                                               | 0.036 <i>J</i>                                               | 0.097                                                        | 0.11                                                         |
| Naphthalene  | 91203         | 12                                                       |                                                           | 500                                    |                                                                                         |                                                              |                                                              |                                                              | 0.013 <i>J</i>                                               |
| Nickel       | 7440020       | 130                                                      |                                                           | 310                                    |                                                                                         | 26                                                           | 34                                                           | 38                                                           | 64                                                           |
| Phenanthrene | 85018         | 1000                                                     |                                                           | 500                                    |                                                                                         | 0.017 <i>J</i>                                               | 0.0079 <i>J</i>                                              | 0.014 <i>J</i>                                               | 0.0086 <i>J</i>                                              |
| Phenol       | 108952        | 0.33                                                     |                                                           | 500                                    |                                                                                         | 0.065                                                        |                                                              |                                                              |                                                              |
| Potassium    | 7440097       |                                                          |                                                           |                                        |                                                                                         | 5100                                                         | 7600                                                         | 6400 <i>J</i>                                                | 10000 <i>J</i>                                               |
| Pyrene       | 129000        | 1000                                                     |                                                           | 500                                    |                                                                                         | 0.022 <i>J</i>                                               | 0.0089 <i>J</i>                                              | 0.019 <i>J</i>                                               | 0.0058 <i>J</i>                                              |
| Selenium     | 7782492       | 4                                                        |                                                           | 1500                                   |                                                                                         | 0.3 <i>J</i>                                                 | 0.22 <i>J</i>                                                | 0.69                                                         | 0.37 <i>J</i>                                                |
| Silver       | 7440224       | 8.3                                                      |                                                           | 1500                                   |                                                                                         | 0.052 <i>J</i>                                               |                                                              | 0.2                                                          | 0.29                                                         |
| Sodium       | 7440235       |                                                          |                                                           |                                        |                                                                                         | 170                                                          | 260                                                          | 130                                                          | 190                                                          |
| Thallium     | 7440280       |                                                          |                                                           |                                        |                                                                                         | 0.31                                                         | 0.38                                                         | 0.35                                                         | 0.59                                                         |
| Toluene      | 108883        | 0.7                                                      |                                                           | 500                                    |                                                                                         |                                                              |                                                              |                                                              |                                                              |
| Vanadium     | 7440622       |                                                          |                                                           |                                        |                                                                                         | 63                                                           | 73                                                           | 66 <i>J+</i>                                                 | 99 <i>J+</i>                                                 |
| Zinc         | 7440666       | 2480                                                     |                                                           | 10000                                  |                                                                                         | 83                                                           | 95                                                           | 120 <i>J+</i>                                                | 170 <i>J+</i>                                                |

Notes:  
Bold = Exceeds NYSDEC SCOS 2006 Commercial Soil

NYSDEC SCOS 2006 Protection of Groundwater Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Protection of Groundwater Soil  
NYSDEC SSCOS 2010 Protection of Groundwater Soil - NYSDEC 2010 Supplemental Soil Cleanup Objective (SSCO) for Protection of Groundwater Soil  
NYSDEC SCOS 2006 Commercial Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Commercial Use Soil

Qualifiers:  
J = Estimated value  
J+ = Estimated value, may have a potential positive bias  
J- = Estimated value, may have a potential negative bias

mg/kg = milligrams per kilograms  
N = Normal field sample  
CAS = Chemical Abstract Service  
NYSDEC = New York State Department of Environmental Conservation

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte                     | CAS<br>Number | NYSDEC SCOS     | NYSDEC SSCOS    | NYSDEC SCOS     | Sample Location       | SS-5            | SS-5             | SS-7            | SS-7            |
|-----------------------------|---------------|-----------------|-----------------|-----------------|-----------------------|-----------------|------------------|-----------------|-----------------|
|                             |               | 2006 Protection | 2010 Protection | 2006 Commercial | Sample Identification | SS-5 (0-0.25)   | SS-5 (0.75-1)    | SS-7 (0-0.25)   | SS-7 (0.75-1)   |
|                             |               | of Groundwater  | of Groundwater  | Soil            | Laboratory ID         | 410-140000-14   | 410-140000-18    | 410-140000-7    | 410-140000-8    |
|                             |               | Soil            | Soil            |                 | Sample Date           | 8/22/2023 12:08 | 8/22/2023 12:08  | 8/22/2023 10:08 | 8/22/2023 10:08 |
|                             |               |                 |                 |                 | Sample Type           | N               | N                | N               | N               |
| 1,1"-Biphenyl               | 92524         |                 |                 |                 |                       |                 |                  |                 |                 |
| 2,4,5-Trichlorophenol       | 95954         |                 | 0.1             |                 |                       |                 |                  |                 |                 |
| 2,4,6-Trichlorophenol       | 88062         |                 |                 |                 |                       |                 |                  |                 |                 |
| 2-Chloronaphthalene         | 91587         |                 |                 |                 |                       |                 |                  |                 |                 |
| 2-Methylnaphthalene         | 91576         |                 | 36.4            |                 |                       |                 |                  |                 |                 |
| 4-Bromophenyl-phenylether   | 101553        |                 |                 |                 |                       |                 |                  |                 |                 |
| 4-Chlorophenyl-phenyl ether | 7005723       |                 |                 |                 |                       |                 |                  |                 |                 |
| 4-Methylphenol              | 106445        | 0.33            |                 | 500             |                       |                 | 0.056 <i>J</i>   |                 |                 |
| Acenaphthene                | 83329         | 98              |                 | 500             |                       |                 |                  |                 |                 |
| Acenaphthylene              | 208968        | 107             |                 | 500             |                       |                 |                  |                 |                 |
| Acetophenone                | 98862         |                 |                 |                 |                       |                 | 0.032 <i>J</i>   |                 |                 |
| Aluminum                    | 7429905       |                 |                 |                 |                       | 23000           | 29000            | 29000           | 44000           |
| Anthracene                  | 120127        | 1000            |                 | 500             |                       | 0.0042 <i>J</i> |                  |                 |                 |
| Antimony                    | 7440360       |                 |                 |                 |                       | 0.25 <i>J</i> - | 0.11 <i>J</i> -  | 0.13 <i>J</i> - |                 |
| Arsenic                     | 7440382       | 16              |                 | 16              |                       | 3               | 3.8              | 4.5             | 4.5             |
| Barium                      | 7440393       | 820             |                 | 400             |                       | 180 <i>J</i> +  | 220 <i>J</i> +   | 220 <i>J</i> +  | 340 <i>J</i> +  |
| Benzaldehyde                | 100527        |                 |                 |                 |                       |                 | 0.16 <i>J</i>    |                 |                 |
| Benzene                     | 71432         | 0.06            |                 | 44              |                       |                 | 0.00088 <i>J</i> |                 |                 |
| Beryllium                   | 7440417       | 47              |                 | 590             |                       | 1.2             | 1.3              | 1.1             | 1.4             |
| Benzo[a]anthracene          | 56553         | 1               |                 | 5.6             |                       | 0.005 <i>J</i>  |                  | 0.0054 <i>J</i> |                 |
| Benzo[a]pyrene              | 50328         | 22              |                 | 1               |                       |                 |                  | 0.0069 <i>J</i> |                 |
| Benzo[b]fluoranthene        | 205992        | 1.7             |                 | 5.6             |                       | 0.0072 <i>J</i> | 0.011 <i>J</i>   | 0.01 <i>J</i>   |                 |
| Benzo[g,h,i]perylene        | 191242        | 1000            |                 | 500             |                       |                 |                  | 0.0081 <i>J</i> |                 |
| Benzo[k]fluoranthene        | 207089        | 1.7             |                 | 56              |                       |                 |                  |                 |                 |
| Cadmium                     | 7440439       | 7.5             |                 | 9.3             |                       | 0.12 <i>J</i>   | 0.3 <i>J</i>     | 0.14 <i>J</i>   |                 |
| Calcium                     | 7440702       |                 |                 |                 |                       | 15000 <i>J</i>  | 6700 <i>J</i>    | 2800 <i>J</i>   | 3800 <i>J</i>   |
| Carbazole                   | 86748         |                 |                 |                 |                       |                 |                  |                 |                 |
| Chromium                    | 7440473       |                 |                 |                 |                       | 37              | 45               | 44              | 60              |
| Chrysene                    | 218019        | 1               |                 | 56              |                       | 0.0085 <i>J</i> | 0.01 <i>J</i>    | 0.011 <i>J</i>  | 0.0046 <i>J</i> |
| Cobalt                      | 7440484       |                 |                 |                 |                       | 13              | 16               | 23              | 25              |
| Copper                      | 7440508       | 1720            |                 | 270             |                       | 22              | 24               | 24              | 37              |
| Dibenz[a,h]anthracene       | 53703         | 1000            |                 | 0.56            |                       |                 |                  |                 |                 |
| Dibenzofuran                | 132649        | 210             | 6.2             | 350             |                       |                 |                  |                 |                 |
| Fluoranthene                | 206440        | 1000            |                 | 500             |                       | 0.014 <i>J</i>  | 0.013 <i>J</i>   | 0.012 <i>J</i>  |                 |
| Fluorene                    | 86737         | 386             |                 | 500             |                       |                 |                  |                 |                 |
| Hexachlorobenzene           | 118741        | 3.2             | 1.4             | 6               |                       |                 |                  |                 |                 |
| Hexachlorobutadiene         | 87683         |                 |                 |                 |                       |                 |                  |                 |                 |
| Indeno[1,2,3-cd]pyrene      | 193395        | 8.2             |                 | 5.6             |                       |                 |                  |                 |                 |
| Iron                        | 7439896       |                 |                 |                 |                       | 26000           | 31000            | 34000           | 44000           |
| Lead                        | 7439921       | 450             |                 | 1000            |                       | 12              | 18               | 25              | 14              |
| Lithium                     | 7439932       |                 |                 |                 |                       | 28              | 25               | 26              | 28              |



Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte      | CAS<br>Number | NYSDEC SCOS<br>2006 Protection<br>of Groundwater<br>Soil | NYSDEC SSCOS<br>2010 Protection<br>of Groundwater<br>Soil | NYSDEC SCOS<br>2006 Commercial<br>Soil | Sample Location<br>Sample Identification<br>Laboratory ID<br>Sample Date<br>Sample Type | SS-5<br>SS-5 (0-0.25)<br>410-140000-14<br>8/22/2023 12:08<br>N | SS-5<br>SS-5 (0.75-1)<br>410-140000-18<br>8/22/2023 12:08<br>N | SS-7<br>SS-7 (0-0.25)<br>410-140000-7<br>8/22/2023 10:08<br>N | SS-7<br>SS-7 (0.75-1)<br>410-140000-8<br>8/22/2023 10:08<br>N |
|--------------|---------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
|              |               |                                                          |                                                           |                                        |                                                                                         |                                                                |                                                                |                                                               |                                                               |
| Magnesium    | 7439954       |                                                          |                                                           |                                        |                                                                                         | 10000                                                          | 9300                                                           | 8600                                                          | 12000                                                         |
| Manganese    | 7439965       | 2000                                                     |                                                           | 10000                                  |                                                                                         | 540 <i>J-</i>                                                  | 600 <i>J-</i>                                                  | 990 <i>J-</i>                                                 | 540 <i>J-</i>                                                 |
| Mercury      | 7439976       | 0.73                                                     |                                                           | 2.8                                    |                                                                                         | 0.023 <i>J</i>                                                 | 0.037 <i>J</i>                                                 | 0.04 <i>J</i>                                                 | 0.026 <i>J</i>                                                |
| Naphthalene  | 91203         | 12                                                       |                                                           | 500                                    |                                                                                         |                                                                |                                                                | 0.011 <i>J</i>                                                |                                                               |
| Nickel       | 7440020       | 130                                                      |                                                           | 310                                    |                                                                                         | 25                                                             | 28                                                             | 28                                                            | 38                                                            |
| Phenanthrene | 85018         | 1000                                                     |                                                           | 500                                    |                                                                                         | 0.013 <i>J</i>                                                 | 0.011 <i>J</i>                                                 | 0.0082 <i>J</i>                                               |                                                               |
| Phenol       | 108952        | 0.33                                                     |                                                           | 500                                    |                                                                                         |                                                                | 0.065                                                          |                                                               |                                                               |
| Potassium    | 7440097       |                                                          |                                                           |                                        |                                                                                         | 5300                                                           | 5900                                                           | 5500                                                          | 8500                                                          |
| Pyrene       | 129000        | 1000                                                     |                                                           | 500                                    |                                                                                         | 0.012 <i>J</i>                                                 | 0.013 <i>J</i>                                                 | 0.013 <i>J</i>                                                | 0.0067 <i>J</i>                                               |
| Selenium     | 7782492       | 4                                                        |                                                           | 1500                                   |                                                                                         | 0.15 <i>J</i>                                                  | 0.27 <i>J</i>                                                  | 0.32 <i>J</i>                                                 | 0.16 <i>J</i>                                                 |
| Silver       | 7440224       | 8.3                                                      |                                                           | 1500                                   |                                                                                         | 0.052 <i>J</i>                                                 | 0.073 <i>J</i>                                                 | 0.058 <i>J</i>                                                | 0.17                                                          |
| Sodium       | 7440235       |                                                          |                                                           |                                        |                                                                                         | 320                                                            | 260                                                            | 180                                                           | 320                                                           |
| Thallium     | 7440280       |                                                          |                                                           |                                        |                                                                                         | 0.3                                                            | 0.37                                                           | 0.34                                                          | 0.47                                                          |
| Toluene      | 108883        | 0.7                                                      |                                                           | 500                                    |                                                                                         |                                                                |                                                                |                                                               |                                                               |
| Vanadium     | 7440622       |                                                          |                                                           |                                        |                                                                                         | 55                                                             | 68                                                             | 74                                                            | 83                                                            |
| Zinc         | 7440666       | 2480                                                     |                                                           | 10000                                  |                                                                                         | 74                                                             | 96                                                             | 95                                                            | 110                                                           |

Notes:  
Bold = Exceeds NYSDEC SCOS 2006 Commercial Soil

NYSDEC SCOS 2006 Protection of Groundwater Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Protection of Groundwater Soil  
NYSDEC SSCOS 2010 Protection of Groundwater Soil - NYSDEC 2010 Supplemental Soil Cleanup Objective (SSCO) for Protection of Groundwater Soil  
NYSDEC SCOS 2006 Commercial Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Commercial Use Soil

Qualifiers:  
J = Estimated value  
J+ = Estimated value, may have a potential positive bias  
J- = Estimated value, may have a potential negative bias

mg/kg = milligrams per kilograms  
N = Normal field sample  
CAS = Chemical Abstract Service  
NYSDEC = New York State Department of Environmental Conservation

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte                     | CAS<br>Number | NYSDEC SCOS<br>2006 Protection<br>of Groundwater<br>Soil | NYSDEC SSCOS<br>2010 Protection<br>of Groundwater<br>Soil | NYSDEC SCOS<br>2006 Commercial<br>Soil | Sample Location<br>Sample Identification<br>Laboratory ID<br>Sample Date<br>Sample Type | SS-8                                                  | SS-8                                                   | SS-9                                                   | SS-9                                                   |
|-----------------------------|---------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
|                             |               |                                                          |                                                           |                                        |                                                                                         | SS-8 (0-0.25)<br>410-140000-9<br>8/22/2023 11:08<br>N | SS-8 (0.75-1)<br>410-140000-10<br>8/22/2023 11:08<br>N | SS-9 (0-0.25)<br>410-140000-12<br>8/22/2023 11:08<br>N | SS-9 (0.75-1)<br>410-140000-13<br>8/22/2023 11:08<br>N |
| 1,1"-Biphenyl               | 92524         |                                                          |                                                           |                                        |                                                                                         |                                                       |                                                        |                                                        | 0.074                                                  |
| 2,4,5-Trichlorophenol       | 95954         |                                                          | 0.1                                                       |                                        |                                                                                         |                                                       |                                                        |                                                        | 0.034 <i>J</i>                                         |
| 2,4,6-Trichlorophenol       | 88062         |                                                          |                                                           |                                        |                                                                                         |                                                       |                                                        |                                                        | 0.046 <i>J</i>                                         |
| 2-Chloronaphthalene         | 91587         |                                                          |                                                           |                                        |                                                                                         |                                                       |                                                        |                                                        | 0.088                                                  |
| 2-Methylnaphthalene         | 91576         |                                                          | 36.4                                                      |                                        |                                                                                         |                                                       |                                                        | 0.02 <i>J</i>                                          | 0.071                                                  |
| 4-Bromophenyl-phenylether   | 101553        |                                                          |                                                           |                                        |                                                                                         |                                                       |                                                        |                                                        | 0.12                                                   |
| 4-Chlorophenyl-phenyl ether | 7005723       |                                                          |                                                           |                                        |                                                                                         |                                                       |                                                        |                                                        | 0.11                                                   |
| 4-Methylphenol              | 106445        | 0.33                                                     |                                                           | 500                                    |                                                                                         |                                                       |                                                        | 0.1                                                    |                                                        |
| Acenaphthene                | 83329         | 98                                                       |                                                           | 500                                    |                                                                                         |                                                       |                                                        |                                                        | 0.092                                                  |
| Acenaphthylene              | 208968        | 107                                                      |                                                           | 500                                    |                                                                                         |                                                       |                                                        |                                                        | 0.064                                                  |
| Acetophenone                | 98862         |                                                          |                                                           |                                        |                                                                                         |                                                       |                                                        |                                                        |                                                        |
| Aluminum                    | 7429905       |                                                          |                                                           |                                        |                                                                                         | 30000                                                 | 31000                                                  | 46000                                                  | 45000                                                  |
| Anthracene                  | 120127        | 1000                                                     |                                                           | 500                                    |                                                                                         |                                                       |                                                        |                                                        | 0.12                                                   |
| Antimony                    | 7440360       |                                                          |                                                           |                                        |                                                                                         | 0.15 <i>J</i> -<br>3.9                                |                                                        | 0.15 <i>J</i> -<br>4.7                                 | 3.8                                                    |
| Arsenic                     | 7440382       | 16                                                       |                                                           | 16                                     |                                                                                         |                                                       | 3.6                                                    |                                                        |                                                        |
| Barium                      | 7440393       | 820                                                      |                                                           | 400                                    |                                                                                         | 190 <i>J</i> +                                        | 210 <i>J</i> +                                         | 240 <i>J</i> +                                         | 230 <i>J</i> +                                         |
| Benzaldehyde                | 100527        |                                                          |                                                           |                                        |                                                                                         |                                                       |                                                        |                                                        | 0.078 <i>J</i>                                         |
| Benzene                     | 71432         | 0.06                                                     |                                                           | 44                                     |                                                                                         |                                                       |                                                        |                                                        |                                                        |
| Beryllium                   | 7440417       | 47                                                       |                                                           | 590                                    |                                                                                         | 0.98                                                  | 1.2                                                    | 1.7                                                    | 1.4                                                    |
| Benzo[a]anthracene          | 56553         | 1                                                        |                                                           | 5.6                                    |                                                                                         |                                                       |                                                        |                                                        | 0.068                                                  |
| Benzo[a]pyrene              | 50328         | 22                                                       |                                                           | 1                                      |                                                                                         |                                                       |                                                        |                                                        | 0.032                                                  |
| Benzo[b]fluoranthene        | 205992        | 1.7                                                      |                                                           | 5.6                                    |                                                                                         |                                                       | 0.0076 <i>J</i>                                        | 0.0098 <i>J</i>                                        | 0.038                                                  |
| Benzo[g,h,i]perylene        | 191242        | 1000                                                     |                                                           | 500                                    |                                                                                         |                                                       |                                                        |                                                        | 0.015 <i>J</i>                                         |
| Benzo[k]fluoranthene        | 207089        | 1.7                                                      |                                                           | 56                                     |                                                                                         |                                                       |                                                        |                                                        | 0.035                                                  |
| Cadmium                     | 7440439       | 7.5                                                      |                                                           | 9.3                                    |                                                                                         | 0.54 <i>J</i>                                         | 0.057 <i>J</i>                                         | 0.2 <i>J</i>                                           | 0.13 <i>J</i>                                          |
| Calcium                     | 7440702       |                                                          |                                                           |                                        |                                                                                         | 3300 <i>J</i>                                         | 2700 <i>J</i>                                          | 5600 <i>J</i>                                          | 2400 <i>J</i>                                          |
| Carbazole                   | 86748         |                                                          |                                                           |                                        |                                                                                         |                                                       |                                                        |                                                        |                                                        |
| Chromium                    | 7440473       |                                                          |                                                           |                                        |                                                                                         | 40                                                    | 46                                                     | 56                                                     | 59                                                     |
| Chrysene                    | 218019        | 1                                                        |                                                           | 56                                     |                                                                                         | 0.0065 <i>J</i>                                       | 0.0099 <i>J</i>                                        | 0.0096 <i>J</i>                                        | 0.07                                                   |
| Cobalt                      | 7440484       |                                                          |                                                           |                                        |                                                                                         | 17                                                    | 18                                                     | 18                                                     | 15                                                     |
| Copper                      | 7440508       | 1720                                                     |                                                           | 270                                    |                                                                                         | 19                                                    | 18                                                     | 22                                                     | 18                                                     |
| Dibenz[a,h]anthracene       | 53703         | 1000                                                     |                                                           | 0.56                                   |                                                                                         |                                                       |                                                        |                                                        | 0.017 <i>J</i>                                         |
| Dibenzofuran                | 132649        | 210                                                      | 6.2                                                       | 350                                    |                                                                                         |                                                       |                                                        |                                                        | 0.11                                                   |
| Fluoranthene                | 206440        | 1000                                                     |                                                           | 500                                    |                                                                                         | 0.0062 <i>J</i>                                       | 0.0084 <i>J</i>                                        | 0.0098 <i>J</i>                                        | 0.096                                                  |
| Fluorene                    | 86737         | 386                                                      |                                                           | 500                                    |                                                                                         |                                                       |                                                        |                                                        | 0.099                                                  |
| Hexachlorobenzene           | 118741        | 3.2                                                      | 1.4                                                       | 6                                      |                                                                                         |                                                       |                                                        |                                                        | 0.19                                                   |
| Hexachlorobutadiene         | 87683         |                                                          |                                                           |                                        |                                                                                         |                                                       |                                                        |                                                        | 0.032 <i>J</i>                                         |
| Indeno[1,2,3-cd]pyrene      | 193395        | 8.2                                                      |                                                           | 5.6                                    |                                                                                         |                                                       |                                                        |                                                        | 0.018 <i>J</i>                                         |
| Iron                        | 7439896       |                                                          |                                                           |                                        |                                                                                         | 31000                                                 | 34000                                                  | 54000                                                  | 46000                                                  |
| Lead                        | 7439921       | 450                                                      |                                                           | 1000                                   |                                                                                         | 20                                                    | 17                                                     | 21                                                     | 18                                                     |
| Lithium                     | 7439932       |                                                          |                                                           |                                        |                                                                                         | 29                                                    | 30                                                     | 36                                                     | 36                                                     |

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte      | CAS<br>Number | NYSDEC SCOS     | NYSDEC SSCOS    | NYSDEC SCOS     | Sample Location       | SS-8            | SS-8            | SS-9            | SS-9            |
|--------------|---------------|-----------------|-----------------|-----------------|-----------------------|-----------------|-----------------|-----------------|-----------------|
|              |               | 2006 Protection | 2010 Protection | 2006 Commercial | Sample Identification | SS-8 (0-0.25)   | SS-8 (0.75-1)   | SS-9 (0-0.25)   | SS-9 (0.75-1)   |
|              |               | of Groundwater  | of Groundwater  | Soil            | Laboratory ID         | 410-140000-9    | 410-140000-10   | 410-140000-12   | 410-140000-13   |
|              |               | Soil            | Soil            |                 | Sample Date           | 8/22/2023 11:08 | 8/22/2023 11:08 | 8/22/2023 11:08 | 8/22/2023 11:08 |
|              |               |                 |                 |                 | Sample Type           | N               | N               | N               | N               |
| Magnesium    | 7439954       |                 |                 |                 |                       | 7400            | 8600            | 10000           | 9500            |
| Manganese    | 7439965       | 2000            |                 | 10000           |                       | 970 <i>J-</i>   | 1100 <i>J-</i>  | 1100 <i>J-</i>  | 840 <i>J-</i>   |
| Mercury      | 7439976       | 0.73            |                 | 2.8             |                       | 0.052 <i>J</i>  | 0.041 <i>J</i>  | 0.055 <i>J</i>  | 0.051 <i>J</i>  |
| Naphthalene  | 91203         | 12              |                 | 500             |                       |                 |                 |                 | 0.045           |
| Nickel       | 7440020       | 130             |                 | 310             |                       | 24              | 27              | 33              | 30              |
| Phenanthrene | 85018         | 1000            |                 | 500             |                       |                 |                 |                 | 0.12            |
| Phenol       | 108952        | 0.33            |                 | 500             |                       | 0.087           |                 | 0.093           |                 |
| Potassium    | 7440097       |                 |                 |                 |                       | 4500            | 5500            | 6700            | 6900            |
| Pyrene       | 129000        | 1000            |                 | 500             |                       | 0.0069 <i>J</i> | 0.008 <i>J</i>  | 0.0094 <i>J</i> | 0.099           |
| Selenium     | 7782492       | 4               |                 | 1500            |                       | 0.36 <i>J</i>   | 0.33 <i>J</i>   | 0.5 <i>J</i>    | 0.55 <i>J</i>   |
| Silver       | 7440224       | 8.3             |                 | 1500            |                       |                 |                 | 0.1 <i>J</i>    | 0.1 <i>J</i>    |
| Sodium       | 7440235       |                 |                 |                 |                       | 180             | 190             | 180             | 180             |
| Thallium     | 7440280       |                 |                 |                 |                       | 0.34            | 0.36            | 0.41            | 0.43            |
| Toluene      | 108883        | 0.7             |                 | 500             |                       |                 |                 |                 |                 |
| Vanadium     | 7440622       |                 |                 |                 |                       | 64              | 73              | 86              | 84              |
| Zinc         | 7440666       | 2480            |                 | 10000           |                       | 97              | 100             | 120             | 110             |

Notes:  
Bold = Exceeds NYSDEC SCOS 2006 Commercial Soil

NYSDEC SCOS 2006 Protection of Groundwater Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Protection of Groundwater Soil  
NYSDEC SSCOS 2010 Protection of Groundwater Soil - NYSDEC 2010 Supplemental Soil Cleanup Objective (SSCO) for Protection of Groundwater Soil  
NYSDEC SCOS 2006 Commercial Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Commercial Use Soil

Qualifiers:  
J = Estimated value  
J+ = Estimated value, may have a potential positive bias  
J- = Estimated value, may have a potential negative bias

mg/kg = milligrams per kilograms  
N = Normal field sample  
CAS = Chemical Abstract Service  
NYSDEC = New York State Department of Environmental Conservation

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte                     | CAS<br>Number | NYSDEC SCOS     | NYSDEC SSCOS    | NYSDEC SCOS     | Sample Location       | SS-10          | SS-10          | SS-11          | SS-11          |
|-----------------------------|---------------|-----------------|-----------------|-----------------|-----------------------|----------------|----------------|----------------|----------------|
|                             |               | 2006 Protection | 2010 Protection | 2006 Commercial | Sample Identification | SS-10 (0-0.25) | SS-10 (0.75-1) | SS-11 (0-0.25) | SS-11 (0.75-1) |
|                             |               | of Groundwater  | of Groundwater  | Soil            | Laboratory ID         | 410-139126-5   | 410-139126-6   | 410-139126-3   | 410-139126-4   |
|                             |               | Soil            | Soil            |                 | Sample Date           | 8/14/2023 4:08 | 8/14/2023 4:08 | 8/14/2023 3:08 | 8/14/2023 3:08 |
|                             |               |                 |                 |                 | Sample Type           | N              | N              | N              | N              |
| 1,1"-Biphenyl               | 92524         |                 |                 |                 |                       |                |                |                |                |
| 2,4,5-Trichlorophenol       | 95954         |                 | 0.1             |                 |                       |                |                |                |                |
| 2,4,6-Trichlorophenol       | 88062         |                 |                 |                 |                       |                |                |                |                |
| 2-Chloronaphthalene         | 91587         |                 |                 |                 |                       |                |                |                |                |
| 2-Methylnaphthalene         | 91576         |                 | 36.4            |                 |                       |                |                |                |                |
| 4-Bromophenyl-phenylether   | 101553        |                 |                 |                 |                       |                |                |                |                |
| 4-Chlorophenyl-phenyl ether | 7005723       |                 |                 |                 |                       |                |                |                |                |
| 4-Methylphenol              | 106445        | 0.33            |                 | 500             |                       |                |                |                |                |
| Acenaphthene                | 83329         | 98              |                 | 500             |                       |                |                |                |                |
| Acenaphthylene              | 208968        | 107             |                 | 500             |                       |                |                |                |                |
| Acetophenone                | 98862         |                 |                 |                 |                       |                |                | 0.028 J        |                |
| Aluminum                    | 7429905       |                 |                 |                 | 27000                 | 39000          | 33000          | 35000          |                |
| Anthracene                  | 120127        | 1000            |                 | 500             |                       |                |                | 0.0047 J       |                |
| Antimony                    | 7440360       |                 |                 |                 | 0.084 J-              |                |                |                |                |
| Arsenic                     | 7440382       | 16              |                 | 16              | 4.5 J                 | 4.8 J          | 4.5 J          | 4.8 J          |                |
| Barium                      | 7440393       | 820             |                 | 400             | 160                   | 230            | 250            | 220            |                |
| Benzaldehyde                | 100527        |                 |                 |                 | 0.067 J               |                |                | 0.047 J        |                |
| Benzene                     | 71432         | 0.06            |                 | 44              |                       |                |                |                |                |
| Beryllium                   | 7440417       | 47              |                 | 590             | 1.2 J                 | 1.5 J          | 1.4 J          | 1.3 J          |                |
| Benzo[a]anthracene          | 56553         | 1               |                 | 5.6             | 0.006 J               |                | 0.013 J        | 0.012 J        |                |
| Benzo[a]pyrene              | 50328         | 22              |                 | 1               |                       |                |                | 0.013 J        |                |
| Benzo[b]fluoranthene        | 205992        | 1.7             |                 | 5.6             |                       |                | 0.034          | 0.018 J        |                |
| Benzo[g,h,i]perylene        | 191242        | 1000            |                 | 500             |                       |                | 0.066          | 0.011 J        |                |
| Benzo[k]fluoranthene        | 207089        | 1.7             |                 | 56              |                       |                | 0.024          | 0.0083 J       |                |
| Cadmium                     | 7440439       | 7.5             |                 | 9.3             | 0.33 J                | 0.072 J        | 0.19 J         | 0.13 J         |                |
| Calcium                     | 7440702       |                 |                 |                 | 3000 J                | 2200 J         | 8900 J         | 2600 J         |                |
| Carbazole                   | 86748         |                 |                 |                 |                       |                |                |                |                |
| Chromium                    | 7440473       |                 |                 |                 | 42                    | 56             | 51             | 50             |                |
| Chrysene                    | 218019        | 1               |                 | 56              | 0.011 J               |                | 0.018 J        | 0.021 J        |                |
| Cobalt                      | 7440484       |                 |                 |                 | 24                    | 13             | 18             | 21             |                |
| Copper                      | 7440508       | 1720            |                 | 270             | 16                    | 20             | 27             | 22             |                |
| Dibenz[a,h]anthracene       | 53703         | 1000            |                 | 0.56            |                       |                | 0.051          |                |                |
| Dibenzofuran                | 132649        | 210             | 6.2             | 350             |                       |                |                |                |                |
| Fluoranthene                | 206440        | 1000            |                 | 500             | 0.017 J               |                | 0.018 J        | 0.03           |                |
| Fluorene                    | 86737         | 386             |                 | 500             |                       |                |                |                |                |
| Hexachlorobenzene           | 118741        | 3.2             | 1.4             | 6               |                       |                |                |                |                |
| Hexachlorobutadiene         | 87683         |                 |                 |                 |                       |                |                |                |                |
| Indeno[1,2,3-cd]pyrene      | 193395        | 8.2             |                 | 5.6             |                       |                | 0.07           | 0.01 J         |                |
| Iron                        | 7439896       |                 |                 |                 | 35000                 | 46000          | 38000          | 40000          |                |
| Lead                        | 7439921       | 450             |                 | 1000            | 22 J-                 | 15 J-          | 18 J-          | 22 J-          |                |
| Lithium                     | 7439932       |                 |                 |                 | 28 J                  | 34 J           | 30 J           | 32 J           |                |

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte      | CAS<br>Number | NYSDEC SCOS<br>2006 Protection<br>of Groundwater<br>Soil | NYSDEC SSCOS<br>2010 Protection<br>of Groundwater<br>Soil | NYSDEC SCOS<br>2006 Commercial<br>Soil | Sample Location<br>Sample Identification<br>Laboratory ID<br>Sample Date<br>Sample Type | SS-10<br>SS-10 (0-0.25)<br>410-139126-5<br>8/14/2023 4:08<br>N | SS-10<br>SS-10 (0.75-1)<br>410-139126-6<br>8/14/2023 4:08<br>N | SS-11<br>SS-11 (0-0.25)<br>410-139126-3<br>8/14/2023 3:08<br>N | SS-11<br>SS-11 (0.75-1)<br>410-139126-4<br>8/14/2023 3:08<br>N |
|--------------|---------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
|              |               |                                                          |                                                           |                                        |                                                                                         |                                                                |                                                                |                                                                |                                                                |
| Magnesium    | 7439954       |                                                          |                                                           |                                        |                                                                                         | 7700                                                           | 11000                                                          | 11000                                                          | 9500                                                           |
| Manganese    | 7439965       | 2000                                                     |                                                           | 10000                                  |                                                                                         | 1700                                                           | 510                                                            | 950                                                            | 980                                                            |
| Mercury      | 7439976       | 0.73                                                     |                                                           | 2.8                                    |                                                                                         | 0.053 <i>J</i>                                                 | 0.031 <i>J</i>                                                 | 0.065 <i>J</i>                                                 | 0.043 <i>J</i>                                                 |
| Naphthalene  | 91203         | 12                                                       |                                                           | 500                                    |                                                                                         |                                                                |                                                                |                                                                | 0.012 <i>J</i>                                                 |
| Nickel       | 7440020       | 130                                                      |                                                           | 310                                    |                                                                                         | 24                                                             | 30                                                             | 34                                                             | 29                                                             |
| Phenanthrene | 85018         | 1000                                                     |                                                           | 500                                    |                                                                                         |                                                                |                                                                | 0.01 <i>J</i>                                                  | 0.016 <i>J</i>                                                 |
| Phenol       | 108952        | 0.33                                                     |                                                           | 500                                    |                                                                                         |                                                                |                                                                |                                                                |                                                                |
| Potassium    | 7440097       |                                                          |                                                           |                                        |                                                                                         | 4300                                                           | 6500                                                           | 7100                                                           | 5800                                                           |
| Pyrene       | 129000        | 1000                                                     |                                                           | 500                                    |                                                                                         | 0.014 <i>J</i>                                                 |                                                                | 0.014 <i>J</i>                                                 | 0.026                                                          |
| Selenium     | 7782492       | 4                                                        |                                                           | 1500                                   |                                                                                         | 0.47 <i>J</i>                                                  | 0.36 <i>J</i>                                                  | 0.27 <i>J</i>                                                  | 0.34 <i>J</i>                                                  |
| Silver       | 7440224       | 8.3                                                      |                                                           | 1500                                   |                                                                                         | 0.059 <i>J</i>                                                 |                                                                | 0.059 <i>J</i>                                                 | 0.077 <i>J</i>                                                 |
| Sodium       | 7440235       |                                                          |                                                           |                                        |                                                                                         | 150 <i>J</i> -                                                 | 250 <i>J</i> -                                                 | 430 <i>J</i> -                                                 | 180 <i>J</i> -                                                 |
| Thallium     | 7440280       |                                                          |                                                           |                                        |                                                                                         | 0.29 <i>J</i>                                                  | 0.37 <i>J</i>                                                  | 0.38 <i>J</i>                                                  | 0.39 <i>J</i>                                                  |
| Toluene      | 108883        | 0.7                                                      |                                                           | 500                                    |                                                                                         |                                                                |                                                                |                                                                |                                                                |
| Vanadium     | 7440622       |                                                          |                                                           |                                        |                                                                                         | 77                                                             | 95                                                             | 81                                                             | 84                                                             |
| Zinc         | 7440666       | 2480                                                     |                                                           | 10000                                  |                                                                                         | 93                                                             | 86                                                             | 100                                                            | 100                                                            |

Notes:  
Bold = Exceeds NYSDEC SCOS 2006 Commercial Soil

NYSDEC SCOS 2006 Protection of Groundwater Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Protection of Groundwater Soil  
NYSDEC SSCOS 2010 Protection of Groundwater Soil - NYSDEC 2010 Supplemental Soil Cleanup Objective (SSCO) for Protection of Groundwater Soil  
NYSDEC SCOS 2006 Commercial Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Commercial Use Soil

Qualifiers:  
J = Estimated value  
J+ = Estimated value, may have a potential positive bias  
J- = Estimated value, may have a potential negative bias

mg/kg = milligrams per kilograms  
N = Normal field sample  
CAS = Chemical Abstract Service  
NYSDEC = New York State Department of Environmental Conservation

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte                     | CAS<br>Number | NYSDEC SCOS<br>2006 Protection<br>of Groundwater<br>Soil | NYSDEC SSCOS<br>2010 Protection<br>of Groundwater<br>Soil | NYSDEC SCOS<br>2006 Commercial<br>Soil | Sample Location<br>Sample Identification<br>Laboratory ID<br>Sample Date<br>Sample Type | TP-1                                                 | TP-2                                                 | TP-2                                                | TP-3                                                |
|-----------------------------|---------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
|                             |               |                                                          |                                                           |                                        |                                                                                         | TP-1 (1-1.5)<br>410-140330-5<br>8/24/2023 10:08<br>N | TP-2 (1-1.25)<br>410-140330-3<br>8/24/2023 9:08<br>N | TP-2 (5.5-6)<br>410-140330-4<br>8/24/2023 9:08<br>N | TP-3 (1-1.5)<br>410-140330-1<br>8/24/2023 8:08<br>N |
| 1,1"-Biphenyl               | 92524         |                                                          |                                                           |                                        |                                                                                         | 0.023 <i>J</i>                                       |                                                      |                                                     |                                                     |
| 2,4,5-Trichlorophenol       | 95954         |                                                          | 0.1                                                       |                                        |                                                                                         | 0.036 <i>J</i>                                       |                                                      |                                                     |                                                     |
| 2,4,6-Trichlorophenol       | 88062         |                                                          |                                                           |                                        |                                                                                         | 0.025 <i>J</i>                                       |                                                      |                                                     |                                                     |
| 2-Chloronaphthalene         | 91587         |                                                          |                                                           |                                        |                                                                                         | 0.024 <i>J</i>                                       |                                                      |                                                     |                                                     |
| 2-Methylnaphthalene         | 91576         |                                                          | 36.4                                                      |                                        |                                                                                         | 0.015 <i>J</i>                                       |                                                      |                                                     | 0.012 <i>J</i>                                      |
| 4-Bromophenyl-phenylether   | 101553        |                                                          |                                                           |                                        |                                                                                         | 0.062                                                |                                                      |                                                     |                                                     |
| 4-Chlorophenyl-phenyl ether | 7005723       |                                                          |                                                           |                                        |                                                                                         | 0.041 <i>J</i>                                       |                                                      |                                                     |                                                     |
| 4-Methylphenol              | 106445        | 0.33                                                     |                                                           | 500                                    |                                                                                         |                                                      |                                                      |                                                     |                                                     |
| Acenaphthene                | 83329         | 98                                                       |                                                           | 500                                    |                                                                                         | 0.031                                                |                                                      |                                                     |                                                     |
| Acenaphthylene              | 208968        | 107                                                      |                                                           | 500                                    |                                                                                         | 0.017 <i>J</i>                                       | 0.032                                                |                                                     |                                                     |
| Acetophenone                | 98862         |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                      |                                                     |                                                     |
| Aluminum                    | 7429905       |                                                          |                                                           |                                        |                                                                                         | 34000                                                | 35000                                                | 28000                                               | 44000                                               |
| Anthracene                  | 120127        | 1000                                                     |                                                           | 500                                    |                                                                                         | 0.058 <i>J-</i>                                      | 0.012 <i>J</i>                                       |                                                     |                                                     |
| Antimony                    | 7440360       |                                                          |                                                           |                                        |                                                                                         |                                                      | 0.12 <i>J-</i>                                       |                                                     |                                                     |
| Arsenic                     | 7440382       | 16                                                       |                                                           | 16                                     |                                                                                         | 3.7                                                  | 4.1                                                  | 3.8                                                 | 4.7                                                 |
| Barium                      | 7440393       | 820                                                      |                                                           | 400                                    |                                                                                         | 290                                                  | 220                                                  | 270                                                 | 330                                                 |
| Benzaldehyde                | 100527        |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                      |                                                     |                                                     |
| Benzene                     | 71432         | 0.06                                                     |                                                           | 44                                     |                                                                                         |                                                      |                                                      |                                                     |                                                     |
| Beryllium                   | 7440417       | 47                                                       |                                                           | 590                                    |                                                                                         | 1.3                                                  | 1.4                                                  | 1.3                                                 | 1.8                                                 |
| Benzo[a]anthracene          | 56553         | 1                                                        |                                                           | 5.6                                    |                                                                                         | 0.091                                                | 0.061                                                |                                                     |                                                     |
| Benzo[a]pyrene              | 50328         | 22                                                       |                                                           | 1                                      |                                                                                         | 0.027 <i>J-</i>                                      | 0.087                                                |                                                     |                                                     |
| Benzo[b]fluoranthene        | 205992        | 1.7                                                      |                                                           | 5.6                                    |                                                                                         | 0.053                                                | 0.12                                                 |                                                     |                                                     |
| Benzo[g,h,i]perylene        | 191242        | 1000                                                     |                                                           | 500                                    |                                                                                         | 0.02 <i>J</i>                                        | 0.077                                                |                                                     |                                                     |
| Benzo[k]fluoranthene        | 207089        | 1.7                                                      |                                                           | 56                                     |                                                                                         | 0.041 <i>J-</i>                                      | 0.046                                                |                                                     |                                                     |
| Cadmium                     | 7440439       | 7.5                                                      |                                                           | 9.3                                    |                                                                                         | 0.36 <i>J</i>                                        | 0.2 <i>J</i>                                         | 0.13 <i>J</i>                                       | 0.07 <i>J</i>                                       |
| Calcium                     | 7440702       |                                                          |                                                           |                                        |                                                                                         | 5700                                                 | 3900                                                 | 48000                                               | 3900                                                |
| Carbazole                   | 86748         |                                                          |                                                           |                                        |                                                                                         | 0.031 <i>J-</i>                                      |                                                      |                                                     |                                                     |
| Chromium                    | 7440473       |                                                          |                                                           |                                        |                                                                                         | 40                                                   | 48                                                   | 44                                                  | 61                                                  |
| Chrysene                    | 218019        | 1                                                        |                                                           | 56                                     |                                                                                         | 0.1                                                  | 0.1                                                  |                                                     |                                                     |
| Cobalt                      | 7440484       |                                                          |                                                           |                                        |                                                                                         | 14 <i>J</i>                                          | 19 <i>J</i>                                          | 14 <i>J</i>                                         | 22 <i>J</i>                                         |
| Copper                      | 7440508       | 1720                                                     |                                                           | 270                                    |                                                                                         | 21                                                   | 22                                                   | 27                                                  | 33                                                  |
| Dibenz[a,h]anthracene       | 53703         | 1000                                                     |                                                           | 0.56                                   |                                                                                         | 0.02 <i>J</i>                                        | 0.018 <i>J</i>                                       |                                                     |                                                     |
| Dibenzofuran                | 132649        | 210                                                      | 6.2                                                       | 350                                    |                                                                                         | 0.06                                                 |                                                      |                                                     |                                                     |
| Fluoranthene                | 206440        | 1000                                                     |                                                           | 500                                    |                                                                                         | 0.14 <i>J-</i>                                       | 0.11                                                 |                                                     |                                                     |
| Fluorene                    | 86737         | 386                                                      |                                                           | 500                                    |                                                                                         | 0.044                                                |                                                      |                                                     |                                                     |
| Hexachlorobenzene           | 118741        | 3.2                                                      | 1.4                                                       | 6                                      |                                                                                         | 0.067                                                |                                                      |                                                     |                                                     |
| Hexachlorobutadiene         | 87683         |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                      |                                                     |                                                     |
| Indeno[1,2,3-cd]pyrene      | 193395        | 8.2                                                      |                                                           | 5.6                                    |                                                                                         | 0.024                                                | 0.075                                                |                                                     |                                                     |
| Iron                        | 7439896       |                                                          |                                                           |                                        |                                                                                         | 32000                                                | 38000                                                | 37000                                               | 48000                                               |
| Lead                        | 7439921       | 450                                                      |                                                           | 1000                                   |                                                                                         | 11 <i>J+</i>                                         | 25 <i>J+</i>                                         | 10 <i>J+</i>                                        | 20 <i>J+</i>                                        |
| Lithium                     | 7439932       |                                                          |                                                           |                                        |                                                                                         | 22                                                   | 19 <i>J</i>                                          | 27                                                  | 12                                                  |



Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte      | CAS<br>Number | NYSDEC SCOS     | NYSDEC SSCOS    | NYSDEC SCOS     | Sample Location       | TP-1            | TP-2             | TP-2           | TP-3            |
|--------------|---------------|-----------------|-----------------|-----------------|-----------------------|-----------------|------------------|----------------|-----------------|
|              |               | 2006 Protection | 2010 Protection | 2006 Commercial | Sample Identification | TP-1 (1-1.5)    | TP-2 (1-1.25)    | TP-2 (5.5-6)   | TP-3 (1-1.5)    |
|              |               | of Groundwater  | of Groundwater  | Soil            | Laboratory ID         | 410-140330-5    | 410-140330-3     | 410-140330-4   | 410-140330-1    |
|              |               | Soil            | Soil            |                 | Sample Date           | 8/24/2023 10:08 | 8/24/2023 9:08   | 8/24/2023 9:08 | 8/24/2023 8:08  |
|              |               |                 |                 |                 | Sample Type           | N               | N                | N              | N               |
| Magnesium    | 7439954       |                 |                 |                 |                       | 6800            | 9900             | 23000          | 12000           |
| Manganese    | 7439965       | 2000            |                 | 10000           |                       | 1400 <i>J</i>   | 860 <i>J</i>     | 730 <i>J</i>   | 810 <i>J</i>    |
| Mercury      | 7439976       | 0.73            |                 | 2.8             |                       | 0.044 <i>J</i>  | 0.051 <i>J</i>   |                | 0.037 <i>J</i>  |
| Naphthalene  | 91203         | 12              |                 | 500             |                       | 0.0096 <i>J</i> |                  |                | 0.063           |
| Nickel       | 7440020       | 130             |                 | 310             |                       | 39 <i>J</i>     | 29 <i>J</i>      | 33 <i>J</i>    | 40 <i>J</i>     |
| Phenanthrene | 85018         | 1000            |                 | 500             |                       | 0.1 <i>J</i> -  | 0.031            |                |                 |
| Phenol       | 108952        | 0.33            |                 | 500             |                       |                 |                  |                |                 |
| Potassium    | 7440097       |                 |                 |                 |                       | 5800            | 6000             | 8000           | 8700            |
| Pyrene       | 129000        | 1000            |                 | 500             |                       | 0.13 <i>J</i> - | 0.11             |                |                 |
| Selenium     | 7782492       | 4               |                 | 1500            |                       | 0.18 <i>J</i>   | 0.41             |                | 0.26 <i>J</i>   |
| Silver       | 7440224       | 8.3             |                 | 1500            |                       | 0.096           | 0.055 <i>J</i>   | 0.036 <i>J</i> |                 |
| Sodium       | 7440235       |                 |                 |                 |                       | 190             | 200              | 980            | 280             |
| Thallium     | 7440280       |                 |                 |                 |                       | 0.34            | 0.37             | 0.32           | 0.44            |
| Toluene      | 108883        | 0.7             |                 | 500             |                       |                 | 0.00091 <i>J</i> |                | 0.0017 <i>J</i> |
| Vanadium     | 7440622       |                 |                 |                 |                       | 57 <i>J</i> +   | 75 <i>J</i> +    | 65 <i>J</i> +  | 89 <i>J</i> +   |
| Zinc         | 7440666       | 2480            |                 | 10000           |                       | 62              | 100              | 82             | 110             |

Notes:  
Bold = Exceeds NYSDEC SCOS 2006 Commercial Soil

NYSDEC SCOS 2006 Protection of Groundwater Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Protection of Groundwater Soil  
NYSDEC SSCOS 2010 Protection of Groundwater Soil - NYSDEC 2010 Supplemental Soil Cleanup Objective (SSCO) for Protection of Groundwater Soil  
NYSDEC SCOS 2006 Commercial Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Commercial Use Soil

Qualifiers:  
J = Estimated value  
J+ = Estimated value, may have a potential positive bias  
J- = Estimated value, may have a potential negative bias

mg/kg = milligrams per kilograms  
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Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte                     | CAS<br>Number | NYSDEC SCOS<br>2006 Protection<br>of Groundwater<br>Soil | NYSDEC SSCOS<br>2010 Protection<br>of Groundwater<br>Soil | NYSDEC SCOS<br>2006 Commercial<br>Soil | Sample Location<br>Sample Identification<br>Laboratory ID<br>Sample Date<br>Sample Type | TP-3                                                 | TP-4                                                     | TP-4                                                   | TP-5                                                     |
|-----------------------------|---------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|
|                             |               |                                                          |                                                           |                                        |                                                                                         | TP-3 (4-4.25)<br>410-140330-2<br>8/24/2023 8:08<br>N | TP-4 (0.33-1.33)<br>410-140330-6<br>8/24/2023 11:08<br>N | TP-4 (5.5-6.5)<br>410-140330-7<br>8/24/2023 11:08<br>N | TP-5 (1.17-2.17)<br>410-140330-8<br>8/24/2023 12:08<br>N |
| 1,1"-Biphenyl               | 92524         |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| 2,4,5-Trichlorophenol       | 95954         |                                                          | 0.1                                                       |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| 2,4,6-Trichlorophenol       | 88062         |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| 2-Chloronaphthalene         | 91587         |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| 2-Methylnaphthalene         | 91576         |                                                          | 36.4                                                      |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| 4-Bromophenyl-phenylether   | 101553        |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| 4-Chlorophenyl-phenyl ether | 7005723       |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| 4-Methylphenol              | 106445        | 0.33                                                     |                                                           | 500                                    |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Acenaphthene                | 83329         | 98                                                       |                                                           | 500                                    |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Acenaphthylene              | 208968        | 107                                                      |                                                           | 500                                    |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Acetophenone                | 98862         |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Aluminum                    | 7429905       |                                                          |                                                           |                                        |                                                                                         | 7400                                                 | 53000                                                    | 27000                                                  | 48000                                                    |
| Anthracene                  | 120127        | 1000                                                     |                                                           | 500                                    |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Antimony                    | 7440360       |                                                          |                                                           |                                        |                                                                                         |                                                      | 0.093 J-                                                 |                                                        |                                                          |
| Arsenic                     | 7440382       | 16                                                       |                                                           | 16                                     |                                                                                         | 1.3                                                  | 4.6                                                      | 3.6                                                    | 4                                                        |
| Barium                      | 7440393       | 820                                                      |                                                           | 400                                    |                                                                                         | 65                                                   | 360                                                      | 250                                                    | 310                                                      |
| Benzaldehyde                | 100527        |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Benzene                     | 71432         | 0.06                                                     |                                                           | 44                                     |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Beryllium                   | 7440417       | 47                                                       |                                                           | 590                                    |                                                                                         | 0.31                                                 | 1.8                                                      | 1.3                                                    | 1.5                                                      |
| Benzo[a]anthracene          | 56553         | 1                                                        |                                                           | 5.6                                    |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Benzo[a]pyrene              | 50328         | 22                                                       |                                                           | 1                                      |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Benzo[b]fluoranthene        | 205992        | 1.7                                                      |                                                           | 5.6                                    |                                                                                         |                                                      | 0.005 J                                                  |                                                        |                                                          |
| Benzo[g,h,i]perylene        | 191242        | 1000                                                     |                                                           | 500                                    |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Benzo[k]fluoranthene        | 207089        | 1.7                                                      |                                                           | 56                                     |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Cadmium                     | 7440439       | 7.5                                                      |                                                           | 9.3                                    |                                                                                         |                                                      | 0.095 J                                                  | 0.11 J                                                 | 0.048 J                                                  |
| Calcium                     | 7440702       |                                                          |                                                           |                                        |                                                                                         | 190000                                               | 4300                                                     | 47000                                                  | 5000                                                     |
| Carbazole                   | 86748         |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Chromium                    | 7440473       |                                                          |                                                           |                                        |                                                                                         | 12                                                   | 65                                                       | 43                                                     | 64                                                       |
| Chrysene                    | 218019        | 1                                                        |                                                           | 56                                     |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Cobalt                      | 7440484       |                                                          |                                                           |                                        |                                                                                         | 3.8 J                                                | 20 J                                                     | 14 J                                                   | 16 J                                                     |
| Copper                      | 7440508       | 1720                                                     |                                                           | 270                                    |                                                                                         | 7                                                    | 38                                                       | 27                                                     | 27                                                       |
| Dibenz[a,h]anthracene       | 53703         | 1000                                                     |                                                           | 0.56                                   |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Dibenzofuran                | 132649        | 210                                                      | 6.2                                                       | 350                                    |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Fluoranthene                | 206440        | 1000                                                     |                                                           | 500                                    |                                                                                         |                                                      | 0.0048 J                                                 |                                                        |                                                          |
| Fluorene                    | 86737         | 386                                                      |                                                           | 500                                    |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Hexachlorobenzene           | 118741        | 3.2                                                      | 1.4                                                       | 6                                      |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Hexachlorobutadiene         | 87683         |                                                          |                                                           |                                        |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Indeno[1,2,3-cd]pyrene      | 193395        | 8.2                                                      |                                                           | 5.6                                    |                                                                                         |                                                      |                                                          |                                                        |                                                          |
| Iron                        | 7439896       |                                                          |                                                           |                                        |                                                                                         | 9800                                                 | 51000                                                    | 36000                                                  | 46000                                                    |
| Lead                        | 7439921       | 450                                                      |                                                           | 1000                                   |                                                                                         | 4.2 J+                                               | 17 J+                                                    | 10 J+                                                  | 16 J+                                                    |
| Lithium                     | 7439932       |                                                          |                                                           |                                        |                                                                                         |                                                      | 36                                                       | 26                                                     | 15                                                       |

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte      | CAS<br>Number | NYSDEC SCOS     | NYSDEC SSCOS    | NYSDEC SCOS     | Sample Location       | TP-3             | TP-4             | TP-4             | TP-5             |
|--------------|---------------|-----------------|-----------------|-----------------|-----------------------|------------------|------------------|------------------|------------------|
|              |               | 2006 Protection | 2010 Protection | 2006 Commercial | Sample Identification | TP-3 (4-4.25)    | TP-4 (0.33-1.33) | TP-4 (5.5-6.5)   | TP-5 (1.17-2.17) |
|              |               | of Groundwater  | of Groundwater  | Soil            | Laboratory ID         | 410-140330-2     | 410-140330-6     | 410-140330-7     | 410-140330-8     |
|              |               | Soil            | Soil            |                 | Sample Date           | 8/24/2023 8:08   | 8/24/2023 11:08  | 8/24/2023 11:08  | 8/24/2023 12:08  |
|              |               |                 |                 |                 | Sample Type           | N                | N                | N                | N                |
| Magnesium    | 7439954       |                 |                 |                 |                       | 14000            | 13000            | 20000            | 13000            |
| Manganese    | 7439965       | 2000            |                 | 10000           |                       | 370 <i>J</i>     | 600 <i>J</i>     | 630 <i>J</i>     | 490 <i>J</i>     |
| Mercury      | 7439976       | 0.73            |                 | 2.8             |                       |                  | 0.042 <i>J</i>   |                  | 0.027 <i>J</i>   |
| Naphthalene  | 91203         | 12              |                 | 500             |                       |                  |                  |                  |                  |
| Nickel       | 7440020       | 130             |                 | 310             |                       | 7.6 <i>J</i>     | 43 <i>J</i>      | 31 <i>J</i>      | 36 <i>J</i>      |
| Phenanthrene | 85018         | 1000            |                 | 500             |                       |                  |                  |                  |                  |
| Phenol       | 108952        | 0.33            |                 | 500             |                       |                  |                  |                  |                  |
| Potassium    | 7440097       |                 |                 |                 |                       | 2100             | 9200             | 7700             | 7600             |
| Pyrene       | 129000        | 1000            |                 | 500             |                       |                  | 0.0058 <i>J</i>  |                  |                  |
| Selenium     | 7782492       | 4               |                 | 1500            |                       |                  | 0.24 <i>J</i>    |                  | 0.33 <i>J</i>    |
| Silver       | 7440224       | 8.3             |                 | 1500            |                       |                  |                  |                  | 0.072 <i>J</i>   |
| Sodium       | 7440235       |                 |                 |                 |                       | 240              | 250              | 940              | 220              |
| Thallium     | 7440280       |                 |                 |                 |                       | 0.097            | 0.47             | 0.3              | 0.46             |
| Toluene      | 108883        | 0.7             |                 | 500             |                       | 0.00086 <i>J</i> | 0.00096 <i>J</i> | 0.00081 <i>J</i> |                  |
| Vanadium     | 7440622       |                 |                 |                 |                       | 18 <i>J+</i>     | 91 <i>J+</i>     | 64 <i>J+</i>     | 90 <i>J+</i>     |
| Zinc         | 7440666       | 2480            |                 | 10000           |                       | 17 <i>J</i>      | 120              | 77               | 100              |

Notes:  
Bold = Exceeds NYSDEC SCOS 2006 Commercial Soil

NYSDEC SCOS 2006 Protection of Groundwater Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Protection of Groundwater Soil  
NYSDEC SSCOS 2010 Protection of Groundwater Soil - NYSDEC 2010 Supplemental Soil Cleanup Objective (SSCO) for Protection of Groundwater Soil  
NYSDEC SCOS 2006 Commercial Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Commercial Use Soil

Qualifiers:  
J = Estimated value  
J+ = Estimated value, may have a potential positive bias  
J- = Estimated value, may have a potential negative bias

mg/kg = milligrams per kilograms  
N = Normal field sample  
CAS = Chemical Abstract Service  
NYSDEC = New York State Department of Environmental Conservation

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte                     | CAS<br>Number | NYSDEC SCOS<br>2006 Protection<br>of Groundwater<br>Soil | NYSDEC SSCOS<br>2010 Protection<br>of Groundwater<br>Soil | NYSDEC SCOS<br>2006 Commercial<br>Soil | Sample Location                                                      | TP-5                                                   |
|-----------------------------|---------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------|
|                             |               |                                                          |                                                           |                                        | Sample Identification<br>Laboratory ID<br>Sample Date<br>Sample Type | TP-5 (7.5-8.5)<br>410-140330-9<br>8/24/2023 12:08<br>N |
| 1,1"-Biphenyl               | 92524         |                                                          |                                                           |                                        |                                                                      |                                                        |
| 2,4,5-Trichlorophenol       | 95954         |                                                          | 0.1                                                       |                                        |                                                                      |                                                        |
| 2,4,6-Trichlorophenol       | 88062         |                                                          |                                                           |                                        |                                                                      |                                                        |
| 2-Chloronaphthalene         | 91587         |                                                          |                                                           |                                        |                                                                      |                                                        |
| 2-Methylnaphthalene         | 91576         |                                                          | 36.4                                                      |                                        |                                                                      |                                                        |
| 4-Bromophenyl-phenylether   | 101553        |                                                          |                                                           |                                        |                                                                      |                                                        |
| 4-Chlorophenyl-phenyl ether | 7005723       |                                                          |                                                           |                                        |                                                                      |                                                        |
| 4-Methylphenol              | 106445        | 0.33                                                     |                                                           | 500                                    |                                                                      |                                                        |
| Acenaphthene                | 83329         | 98                                                       |                                                           | 500                                    |                                                                      |                                                        |
| Acenaphthylene              | 208968        | 107                                                      |                                                           | 500                                    |                                                                      |                                                        |
| Acetophenone                | 98862         |                                                          |                                                           |                                        |                                                                      |                                                        |
| Aluminum                    | 7429905       |                                                          |                                                           |                                        |                                                                      | 8600                                                   |
| Anthracene                  | 120127        | 1000                                                     |                                                           | 500                                    |                                                                      |                                                        |
| Antimony                    | 7440360       |                                                          |                                                           |                                        |                                                                      |                                                        |
| Arsenic                     | 7440382       | 16                                                       |                                                           | 16                                     |                                                                      | 1.7                                                    |
| Barium                      | 7440393       | 820                                                      |                                                           | 400                                    |                                                                      | 91                                                     |
| Benzaldehyde                | 100527        |                                                          |                                                           |                                        |                                                                      |                                                        |
| Benzene                     | 71432         | 0.06                                                     |                                                           | 44                                     |                                                                      |                                                        |
| Beryllium                   | 7440417       | 47                                                       |                                                           | 590                                    |                                                                      | 0.37                                                   |
| Benzo[a]anthracene          | 56553         | 1                                                        |                                                           | 5.6                                    |                                                                      |                                                        |
| Benzo[a]pyrene              | 50328         | 22                                                       |                                                           | 1                                      |                                                                      |                                                        |
| Benzo[b]fluoranthene        | 205992        | 1.7                                                      |                                                           | 5.6                                    |                                                                      |                                                        |
| Benzo[g,h,i]perylene        | 191242        | 1000                                                     |                                                           | 500                                    |                                                                      |                                                        |
| Benzo[k]fluoranthene        | 207089        | 1.7                                                      |                                                           | 56                                     |                                                                      |                                                        |
| Cadmium                     | 7440439       | 7.5                                                      |                                                           | 9.3                                    |                                                                      | 0.11 J                                                 |
| Calcium                     | 7440702       |                                                          |                                                           |                                        |                                                                      | 170000                                                 |
| Carbazole                   | 86748         |                                                          |                                                           |                                        |                                                                      |                                                        |
| Chromium                    | 7440473       |                                                          |                                                           |                                        |                                                                      | 15                                                     |
| Chrysene                    | 218019        | 1                                                        |                                                           | 56                                     |                                                                      |                                                        |
| Cobalt                      | 7440484       |                                                          |                                                           |                                        |                                                                      | 5.2 J                                                  |
| Copper                      | 7440508       | 1720                                                     |                                                           | 270                                    |                                                                      | 9.7                                                    |
| Dibenz[a,h]anthracene       | 53703         | 1000                                                     |                                                           | 0.56                                   |                                                                      |                                                        |
| Dibenzofuran                | 132649        | 210                                                      | 6.2                                                       | 350                                    |                                                                      |                                                        |
| Fluoranthene                | 206440        | 1000                                                     |                                                           | 500                                    |                                                                      |                                                        |
| Fluorene                    | 86737         | 386                                                      |                                                           | 500                                    |                                                                      |                                                        |
| Hexachlorobenzene           | 118741        | 3.2                                                      | 1.4                                                       | 6                                      |                                                                      |                                                        |
| Hexachlorobutadiene         | 87683         |                                                          |                                                           |                                        |                                                                      |                                                        |
| Indeno[1,2,3-cd]pyrene      | 193395        | 8.2                                                      |                                                           | 5.6                                    |                                                                      |                                                        |
| Iron                        | 7439896       |                                                          |                                                           |                                        |                                                                      | 12000                                                  |
| Lead                        | 7439921       | 450                                                      |                                                           | 1000                                   |                                                                      | 4.3 J+                                                 |
| Lithium                     | 7439932       |                                                          |                                                           |                                        |                                                                      |                                                        |

Table 1. Convergent Solar, Validated Analytical Results (Soil Detections mg/kg)

| Analyte      | CAS<br>Number | NYSDEC SCOS<br>2006 Protection<br>of Groundwater<br>Soil | NYSDEC SSCOS<br>2010 Protection<br>of Groundwater<br>Soil | NYSDEC SCOS<br>2006 Commercial<br>Soil | Sample Location<br>Sample Identification<br>Laboratory ID<br>Sample Date<br>Sample Type | TP-5<br>TP-5 (7.5-8.5)<br>410-140330-9<br>8/24/2023 12:08<br>N |
|--------------|---------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|
|              |               |                                                          |                                                           |                                        |                                                                                         |                                                                |
| Magnesium    | 7439954       |                                                          |                                                           |                                        |                                                                                         | 18000                                                          |
| Manganese    | 7439965       | 2000                                                     |                                                           | 10000                                  |                                                                                         | 520 <i>J</i>                                                   |
| Mercury      | 7439976       | 0.73                                                     |                                                           | 2.8                                    |                                                                                         |                                                                |
| Naphthalene  | 91203         | 12                                                       |                                                           | 500                                    |                                                                                         |                                                                |
| Nickel       | 7440020       | 130                                                      |                                                           | 310                                    |                                                                                         | 10 <i>J</i>                                                    |
| Phenanthrene | 85018         | 1000                                                     |                                                           | 500                                    |                                                                                         |                                                                |
| Phenol       | 108952        | 0.33                                                     |                                                           | 500                                    |                                                                                         |                                                                |
| Potassium    | 7440097       |                                                          |                                                           |                                        |                                                                                         | 2700                                                           |
| Pyrene       | 129000        | 1000                                                     |                                                           | 500                                    |                                                                                         |                                                                |
| Selenium     | 7782492       | 4                                                        |                                                           | 1500                                   |                                                                                         |                                                                |
| Silver       | 7440224       | 8.3                                                      |                                                           | 1500                                   |                                                                                         |                                                                |
| Sodium       | 7440235       |                                                          |                                                           |                                        |                                                                                         | 390                                                            |
| Thallium     | 7440280       |                                                          |                                                           |                                        |                                                                                         | 0.11                                                           |
| Toluene      | 108883        | 0.7                                                      |                                                           | 500                                    |                                                                                         | 0.00064 <i>J</i>                                               |
| Vanadium     | 7440622       |                                                          |                                                           |                                        |                                                                                         | 23 <i>J+</i>                                                   |
| Zinc         | 7440666       | 2480                                                     |                                                           | 10000                                  |                                                                                         | 23 <i>J</i>                                                    |

Notes:  
Bold = Exceeds NYSDEC SCOS 2006 Commercial Soil

NYSDEC SCOS 2006 Protection of Groundwater Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Protection of Groundwater Soil  
NYSDEC SSCOS 2010 Protection of Groundwater Soil - NYSDEC 2010 Supplemental Soil Cleanup Objective (SSCO) for Protection of Groundwater Soil  
NYSDEC SCOS 2006 Commercial Soil - NYSDEC 2006 Remedial Program Soil Cleanup Objective (SCO) for Commercial Use Soil

Qualifiers:  
J = Estimated value  
J+ = Estimated value, may have a potential positive bias  
J- = Estimated value, may have a potential negative bias

mg/kg = milligrams per kilograms  
N = Normal field sample  
CAS = Chemical Abstract Service  
NYSDEC = New York State Department of Environmental Conservation

Table 2. Convergent Solar, Validated Analytical Results (Groundwater Detections ug/L)

| Analyte                                          | CAS<br>Number | National Primary<br>Drinking Water<br>Regulations 2009 | NYSDEC 1998<br>class GA | UCMR3 2017<br>Drinking Water | Sample Location       | PW-13199-01    | PW-28110-01    | PW-28121-01    | PW-28155-01    |
|--------------------------------------------------|---------------|--------------------------------------------------------|-------------------------|------------------------------|-----------------------|----------------|----------------|----------------|----------------|
|                                                  |               |                                                        |                         |                              | Sample Identification | 13199_20230804 | 28110_20230804 | 28121_20230804 | 28155_20230804 |
|                                                  |               |                                                        |                         |                              | Laboratory ID         | CO67292        | CO67291        | CO67295        | CO67293        |
|                                                  |               |                                                        |                         |                              | Sample Date           | 45142.08889    | 45142.42222    | 45142.46389    | 45142.42222    |
|                                                  |               |                                                        |                         |                              | Sample Type           | N              | N              | N              | N              |
| Benzo[a]anthracene                               | 56553         |                                                        | 0.002                   |                              |                       |                |                |                |                |
| Benzo[a]pyrene*                                  | 50328         | 0.2                                                    |                         |                              |                       |                |                |                |                |
| Benzo[b]fluoranthene                             | 205992        |                                                        | 0.002                   |                              |                       |                |                |                |                |
| Benzo[k]fluoranthene                             | 207089        |                                                        | 0.002                   |                              |                       |                |                |                |                |
| Indeno[1,2,3-cd]pyrene                           | 193395        |                                                        | 0.002                   |                              |                       |                |                |                |                |
| Total Polycyclic Aromatic Hydrocarbons (ND = 0)* |               | 0.2                                                    |                         |                              |                       |                |                |                |                |
| Calcium                                          | 7440702       |                                                        |                         |                              | 151000                | 124000         | 111000         | 125000         |                |
| Cobalt                                           | 7440484       |                                                        |                         | 70                           |                       |                |                |                | 12             |
| Iron                                             | 7439896       |                                                        |                         |                              | 20                    | 6270           | 2510           | 28800          |                |
| Lead                                             | 7439921       | 15                                                     | 25                      |                              | 3                     | 2              | 2              | 11             |                |
| Manganese                                        | 7439965       |                                                        |                         |                              | 33                    | 244            | 16             | 9560           |                |
| Nickel                                           | 7440020       |                                                        | 100                     |                              | 4                     | 4              | 2              | 35             |                |
| Zinc                                             | 7440666       |                                                        | 2000                    |                              | 60                    | 33             | 12             | 19             |                |

Notes:  
Bold = Exceeds NYSDEC 1998 class GA  
Underline = Exceeds National Primary Drinking Water Regulations 2009

\* Criteria value for PAHs applied to Benzo[a]pyrene and Total Polycyclic Aromatic Hydrocarbons (ND = 0) where non-detect equals zero

National Primary Drinking Water Regulations 2009 - National Primary Drinking Water Regulations using Maximum Contaminant Level (MCL) or Treatment Technique (TT) - EPA May 2009  
NYSDEC 1998 class GA - NYSDEC 1998 class GA ambient water quality standards  
UCMR3 2017 Drinking Water - The Third Unregulated Contaminant Monitoring Rule (UCMR 3): Data Summary, January 2017

Qualifiers:  
J = Estimated value  
  
ug/L = micrograms per liter  
CAS = Chemical Abstract Service  
N = Normal field sample  
FD = Field duplicate

NYSDEC = New York State Department of Environmental Conservation  
UCMR3 = Third Unregulated Monitoring Rule



Table 2. Convergent Solar, Validated Analytical Results (Groundwater Detections ug/L)

| Analyte                                          | CAS<br>Number | National Primary<br>Drinking Water<br>Regulations 2009 | NYSDEC 1998<br>class GA | UCMR3 2017<br>Drinking Water | Sample Location       | PW-28177-01    | PW-28219-01    | PW-28219-01  | PW-28247-01    |
|--------------------------------------------------|---------------|--------------------------------------------------------|-------------------------|------------------------------|-----------------------|----------------|----------------|--------------|----------------|
|                                                  |               |                                                        |                         |                              | Sample Identification | 28177_20230804 | 28219_20230804 | DUP_20230804 | 28247_20230804 |
|                                                  |               |                                                        |                         |                              | Laboratory ID         | CO67299        | CO67289        | CO67288      | CO67301        |
|                                                  |               |                                                        |                         |                              | Sample Date           | 45142.46389    | 45142.50556    | 45142.50556  | 45142.04722    |
|                                                  |               |                                                        |                         |                              | Sample Type           | N              | N              | FD           | N              |
| Benzo[a]anthracene                               | 56553         |                                                        | 0.002                   |                              |                       |                |                |              | <b>0.02</b>    |
| Benzo[a]pyrene*                                  | 50328         | 0.2                                                    |                         |                              |                       |                |                |              | 0.03           |
| Benzo[b]fluoranthene                             | 205992        |                                                        | 0.002                   |                              |                       |                |                |              | <b>0.03</b>    |
| Benzo[k]fluoranthene                             | 207089        |                                                        | 0.002                   |                              |                       |                |                |              | <b>0.02</b>    |
| Indeno[1,2,3-cd]pyrene                           | 193395        |                                                        | 0.002                   |                              |                       |                |                |              |                |
| Total Polycyclic Aromatic Hydrocarbons (ND = 0)* |               | 0.2                                                    |                         |                              |                       |                |                |              | 0.1            |
| Calcium                                          | 7440702       |                                                        |                         |                              |                       | 122000         | 134000         |              | 76300          |
| Cobalt                                           | 7440484       |                                                        |                         | 70                           |                       |                |                |              |                |
| Iron                                             | 7439896       |                                                        |                         |                              |                       | 561            | 128            | 110          | 4720           |
| Lead                                             | 7439921       | 15                                                     | 25                      |                              |                       | 3              | 14             |              | 5              |
| Manganese                                        | 7439965       |                                                        |                         |                              |                       | 92             | 4              | 3            | 112            |
| Nickel                                           | 7440020       |                                                        | 100                     |                              |                       | 7              | 3 <i>J</i>     | 30 <i>J</i>  | 5              |
| Zinc                                             | 7440666       |                                                        | 2000                    |                              |                       | 4              | 20             |              | 15             |

Notes:  
Bold = Exceeds NYSDEC 1998 class GA  
Underline = Exceeds National Primary Drinking Water Regulations 2009

\* Criteria value for PAHs applied to Benzo[a]pyrene and Total Polycyclic Aromatic Hydrocarbons (ND = 0) where non-detect equals zero

National Primary Drinking Water Regulations 2009 - National Primary Drinking Water Regulations using Maximum Contaminant Level (MCL) or Treatment Technique (TT) - EPA May 2  
NYSDEC 1998 class GA - NYSDEC 1998 class GA ambient water quality standards  
UCMR3 2017 Drinking Water - The Third Unregulated Contaminant Monitoring Rule (UCMR 3): Data Summary, January 2017

Qualifiers:  
J = Estimated value  
  
ug/L = micrograms per liter  
CAS = Chemical Abstract Service  
N = Normal field sample  
FD = Field duplicate

NYSDEC = New York State Department of Environmental Conservation  
UCMR3 = Third Unregulated Monitoring Rule

Table 2. Convergent Solar, Validated Analytical Results (Groundwater Detections ug/L)

| Analyte                                          | CAS<br>Number | National Primary<br>Drinking Water<br>Regulations 2009 | NYSDEC 1998<br>class GA | UCMR3 2017<br>Drinking Water | Sample Location       | PW-28273-01    | PW-28289-01    | PW-28317-01    | PW-28399-01    |
|--------------------------------------------------|---------------|--------------------------------------------------------|-------------------------|------------------------------|-----------------------|----------------|----------------|----------------|----------------|
|                                                  |               |                                                        |                         |                              | Sample Identification | 28272_20230804 | 28289_20230804 | 28317_20230804 | 28399_20230804 |
|                                                  |               |                                                        |                         |                              | Laboratory ID         | CO67294        | CO67298        | CO67300        | CO67297        |
|                                                  |               |                                                        |                         |                              | Sample Date           | 45142.50556    | 45142.04722    | 45142.08889    | 45142.08889    |
|                                                  |               |                                                        |                         |                              | Sample Type           | N              | N              | N              | N              |
| Benzo[a]anthracene                               | 56553         |                                                        | 0.002                   |                              |                       |                |                |                |                |
| Benzo[a]pyrene*                                  | 50328         | 0.2                                                    |                         |                              |                       |                |                |                | 0.04           |
| Benzo[b]fluoranthene                             | 205992        |                                                        | 0.002                   |                              |                       |                |                |                | <b>0.04</b>    |
| Benzo[k]fluoranthene                             | 207089        |                                                        | 0.002                   |                              |                       |                |                |                | <b>0.04</b>    |
| Indeno[1,2,3-cd]pyrene                           | 193395        |                                                        | 0.002                   |                              |                       |                |                |                | <b>0.14</b>    |
| Total Polycyclic Aromatic Hydrocarbons (ND = 0)* |               | 0.2                                                    |                         |                              |                       |                |                |                | <u>0.26</u>    |
| Calcium                                          | 7440702       |                                                        |                         |                              | 89500                 | 101000         | 105000         |                | 71000          |
| Cobalt                                           | 7440484       |                                                        |                         | 70                           |                       |                |                |                |                |
| Iron                                             | 7439896       |                                                        |                         |                              | 169                   | 3030           | 1190           |                | 79             |
| Lead                                             | 7439921       | 15                                                     | 25                      |                              |                       | 5              | 1              |                | 14             |
| Manganese                                        | 7439965       |                                                        |                         |                              | 6                     | 86             | 33             |                | 3              |
| Nickel                                           | 7440020       |                                                        | 100                     |                              | 1                     | 6              | 2              |                | 5              |
| Zinc                                             | 7440666       |                                                        | 2000                    |                              |                       | 13             |                |                | 329            |

Notes:  
Bold = Exceeds NYSDEC 1998 class GA  
Underline = Exceeds National Primary Drinking Water Regulations 2009

\* Criteria value for PAHs applied to Benzo[a]pyrene and Total Polycyclic Aromatic Hydrocarbons (ND = 0) where non-detect equals zero

National Primary Drinking Water Regulations 2009 - National Primary Drinking Water Regulations using Maximum Contaminant Level (MCL) or Treatment Technique (TT) - EPA May 2  
NYSDEC 1998 class GA - NYSDEC 1998 class GA ambient water quality standards  
UCMR3 2017 Drinking Water - The Third Unregulated Contaminant Monitoring Rule (UCMR 3): Data Summary, January 2017

Qualifiers:  
J = Estimated value  
  
ug/L = micrograms per liter  
CAS = Chemical Abstract Service  
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|                                                                                   |                                     |                             |
|-----------------------------------------------------------------------------------|-------------------------------------|-----------------------------|
|  | SAFETY DATA SHEET                   | Version: R0001.0001         |
|                                                                                   |                                     | Date of issue: 2017-11-02   |
|                                                                                   | LGCHEM JH4 Lithium-Ion Battery Cell | Revision date: 2017-11-02   |
|                                                                                   |                                     | Change List: see Section 16 |

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## 1. IDENTIFICATION

### A. Product name

- LGCHEM JH4 Lithium-Ion Battery Cell

### B. Recommended use and restriction on use

- General use : Rechargeable Lithium-Ion Battery
- Restriction on use : Not available

### C. Manufacturer / Supplier / Distributor information

#### o Manufacturer information

- Company name : LG Chem Ltd.
- Address : LG Twin Tower, Youido-Dong, Youngdeungpo-Ku, Seoul, Korea
- Telephone number : +82-2-3773-6740
- E-mail address : lkblive@lgchem.com

#### o Supplier/Distributor information

- Company name : LG Chem Ltd.
- Address : LG Twin Tower, Youido-Dong, Youngdeungpo-Ku, Seoul, Korea
- Telephone number : +82-2-3773-6740
- E-mail address : lkblive@lgchem.com

### Legal Remark

#### U.S.A

- The Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR Subpart 1910.1200 does not apply to various subcategories including anything defined by OSHA as an "article". The products are defined as "articles", and are exempted from the requirements for Material Safety Data Sheets.

#### EU

- The products are no "substances" or "mixtures" according to Regulation (EC) No 1907/2006 EC. Instead they have to be regarded as "articles", no substances are intended to be released during handling. Therefore there is no obligation to supply a Safety Data Sheet according to Regulation (EC) 1907/2006, Article 31.

### General remark

- This Safety Data Sheet is provided as a service to our customers. This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only.
- It should not therefore be construed as guaranteeing any specific property of the product.

## 2. HAZARD IDENTIFICATION

### A. GHS Classification

- No classification is presented since the product is legally an article rather than chemical substance or mixture according to The Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR Subpart 1910.1200

### B. GHS label elements

- Not applicable

### C. Other hazards which do not result in classification :

- Not available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                              | Trade names and Synonyms       | CAS No.        | Content(%) |
|--------------------------------------------|--------------------------------|----------------|------------|
| Aluminium                                  | Aluminium Foil                 | 7429-90-5      | 2-10       |
| Metal Oxide (proprietary)                  |                                |                | 20-50      |
| 1,1-Difluoroethene homopolymer             | Polyvinylidene Fluoride (PVDF) | 24937-79-9     | <5         |
| Copper                                     | Copper Foil                    | 7440-50-8      | 5-20       |
| Carbon (proprietary)                       |                                | 7440-44-0      | 10-20      |
| Electrolyte (proprietary)                  |                                |                | 10-20      |
| Aluminum, Copper plate and inert materials |                                | Not applicable | Remainder  |

Lithium-equivalent Content: 21.28g (266 Wh)

### 4. FIRST AID MEASURES

#### A. Eye contact

- Not a health hazard.

#### B. Skin contact

- Not a health hazard.

#### C. Inhalation contact

- Not a health hazard.

#### D. Ingestion contact

- Get medical attention immediately.

#### **IF EXPOSURE TO INTERNAL MATERIALS WITHIN CELL DUE TO DAMAGED OUTER CASING, THE FOLLOWING ACTIONS ARE RECOMMENDED ;**

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat/sparks/open flames/hot surfaces.
- Keep/Store away from clothing /combustible materials.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Do not get in eyes, on skin, or on clothing.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.

#### A. Eye contact

- Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Get medical attention immediately.

#### B. Skin contact

- Wash with plenty of soap and water.
- Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Take off contaminated clothing and wash it before reuse.
- Get medical attention immediately.
- If skin irritation or rash occurs, Get medical advice/attention.
- Wear gloves when washing the patient, and please avoid contact with contaminated clothing.

#### C. Inhalation contact

- Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Take specific treatment if needed.
- Get immediate medical advice/attention.
- If breathing is stopped or irregular, give artificial respiration and supply oxygen.

**D. Ingestion contact**

- Rinse mouth.
- Immediately call a POISON CENTER or doctor/physician.
- Get immediate medical advice/attention.
- About whether I should induce vomiting Take the advice of a doctor.

**E. Delayed and immediate effects and also chronic effects from short and long term exposure**

- Not available

**F. Notes to physician**

- Notify medical personnel of contaminated situations and have them take appropriate protective measures.

**5. FIREFIGHTING MEASURES****A. Suitable (Unsuitable) extinguishing media**

- Use extinguishing media suitable for the materials that are burning.

**B. Specific hazards arising from the chemical**

- Cell is not flammable but internal organic material will burn if the cell is incinerated. Combustion products include, but are not limited to hydrogen fluoride, carbon monoxide and carbon dioxide.

**C. Special protective actions for firefighters**

- Notify your local firestation and inform the location of the fire and characteristics hazard.
- Avoid inhalation of materials or combustion by-products.
- Use appropriate extinguishing measure suitable for surrounding fire.
- Wear appropriate protective equipment.
- Use fire fighting procedures suitable for surrounding area.
- If possible, remove cell(s) from fire fighting area. If heated above 150°C, cell(s) may combust/vent.
- Use NIOSH/MSHA approved full-face self-contained breathing apparatus (SCBA) with full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****A. Personal precautions, protective equipment and emergency procedures**

- Protective equipment: Wear proper protective equipment
- Emergency procedures:
  - On Land  
Place material into suitable containers and call local fire/police department.
  - In Water  
If possible, remove from water and call local fire/police department.
- If required, notify relevant authorities according to all applicable regulations.

**B. Environmental precautions**

- Prevent runoff and contact with waterways, drains or sewers.
- Advise emergency services.

**C. Methods and materials for containment and cleaning up**

- Control personal contact by using protective equipment.
- Prevent, by any means available, containment from entering drains or water course.
- Dispose of waste in accordance with local regulation.

## 7. HANDLING AND STORAGE

### A. Precautions for safe handling

- No special protective clothing required for handling individual cells.
- Do not expose battery or cell to extreme temperatures or fire.
- Do not disassemble, crush or puncture battery.
- Do not overcharge or over discharge the battery.
- Do not connect (short circuit) positive and negative terminals.
- Do not place the batteries on conductive metal.

### B. Conditions for safe storage, including any incompatibilities

- Store in a cool, dry place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### A. Exposure limits

- ACGIH TLV
  - Not available
- OSHA PEL
  - Not available

### B. Engineering controls

- Keep away from heat and open flame.
- Store in cool and dry place.

### C. Personal protective equipment

- Respiratory protection
  - Not required during normal operations.
  - SCBA required in the event of fire.
- Eye protection
  - Not required beyond safety practices of employer.
- Hand protection
  - Not required for handling of cells.
- Skin protection
  - Steel toed shoes recommended for large container handling.
- Others
  - Not available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                 |               |
|-------------------------------------------------|---------------|
| A. Appearance                                   |               |
| - Appearance                                    | Solid         |
| - Color                                         | Not available |
| B. Odor                                         | Not available |
| C. Odor threshold                               | Not available |
| D. pH                                           | Not available |
| E. Melting point/Freezing point                 | Not available |
| F. Initial Boiling Point/Boiling Ranges         | Not available |
| G. Flash point                                  | Not available |
| H. Evaporation rate                             | Not available |
| I. Flammability(solid, gas)                     | Not available |
| J. Upper/Lower Flammability or explosive limits | Not available |
| K. Vapour pressure                              | Not available |
| L. Solubility                                   | Insoluble     |
| M. Vapour density                               | Not available |
| N. Specific gravity(Relative density)           | Not available |
| O. Partition coefficient of n-octanol/water     | Not available |
| P. Autoignition temperature                     | Not available |



|                              |               |
|------------------------------|---------------|
| Q. Decomposition temperature | Not available |
| R. Viscosity                 | Not available |
| S. Molecular weight          | Not available |

## 10. STABILITY AND REACTIVITY

### A. Chemical Stability

- None during normal operating conditions.

### B. Possibility of hazardous reactions

- None during normal operating conditions.

### C. Conditions to avoid

- Avoid exposure to heat, open flame, and corrosives.
- Do not puncture, crush or incinerate.

### D. Incompatible materials

- None during normal operating conditions.

### E. Hazardous decomposition products

- None during normal operating conditions.
- If cells are damaged, hydrogen fluoride and carbon monoxide may be released.

## 11. TOXICOLOGICAL INFORMATION

### A. Information on the likely routes of exposure

- **(Respiratory tracts)**
  - None during normal operating conditions.
- **(Oral)**
  - None during normal operating conditions.
- **(Eye·Skin)**
  - None during normal operating conditions.

### B. Delayed and immediate effects and also chronic effects from short and long term exposure

- **Acute toxicity**
  - \* **Oral**
    - This product does not elicit toxicological properties during routine handling and use.
  - \* **Dermal**
    - This product does not elicit toxicological properties during routine handling and use.
  - \* **Inhalation**
    - This product does not elicit toxicological properties during routine handling and use.
- **Skin corrosion/irritation**
  - No irritation.
  - If the cells are opened through misuse or damage, discard immediately. Internal components of cell are irritants and sensitizers.
- **Serious eye damage/irritation**
  - Not available
- **Respiratory sensitization**
  - Not available
- **Skin sensitization**
  - No sensitization.
  - If the cells are opened through misuse or damage, discard immediately. Internal components of cell are irritants and sensitizers.
- **Carcinogenicity**
  - Not available
- **Germ cell mutagenicity**
  - Not available
- **Reproductive toxicity**
  - This product does not elicit toxicological properties during routine handling and use.
- **STOT-single exposure**
  - Not available

- **STOT-repeated exposure**
  - Not available
- **Aspiration hazard**
  - Not available

## 12. ECOLOGICAL INFORMATION

### A. Ecotoxicity

- **Fish**
  - Not available
- **Crustaceans**
  - Not available
- **Algae**
  - Not available

### B. Persistence and degradability

- **Persistence**
  - Not available
- **Degradability**
  - Not available

### C. Bioaccumulative potential

- **Bioaccumulative potential**
  - Some materials within the cell are bioaccumulative. Under normal conditions, these materials are contained and pose no risk to persons or the surrounding environment.
- **Biodegradation**
  - Not available

### D. Mobility in soil

- Not available

### E. Other adverse effects

- Not available

## 13. DISPOSAL CONSIDERATIONS

### A. Disposal methods

- Dispose of according to all federal, state, and local regulations.
  - Follow Directive 2006/66/EC.
  - California regulated debris
  - RCRA Waste Code : Non regulated

### B. Special precautions for disposal

- Not available

## 14. TRANSPORT INFORMATION

### A. UN No.

- 3480 / 3481

### B. Proper shipping name

- Lithium Ion Batteries / Lithium Ion Batteries contained in equipment

### C. Hazard Class

- Class 9
- Hazard label: Miscellaneous

### D. Packing group

- II

**E. Marine pollutant**

- Not available

**F. Special precautions for user related to transport or transportation measures****ICAO/IATA**

- Packing Instruction: 965, 967
- Maximum Gross Weight per Package on Passenger and Cargo Aircraft: 5 kg
- Maximum Gross Weight per Package on Cargo Only Aircraft: 35 kg
- Special Provision: A45, A88, A99

**IMO**

- Packing Instruction: P903
- Special Provision: 188, 230, 310, 957
- EmS: F-A, S-I

**US DOT**

- This product is not subject to any other requirements of dangerous goods under 49
- CFR 173.185 (Lithium Batteries and Cells).

**15. REGULATORY INFORMATION****A. National and/or international regulatory information**

- o **Information of EU Classification**
    - Information according to Regulation (EC) No 1272/2008 [CLP]
    - Information according to Directive 67/548/EEC
  - o **U.S. Federal regulations**
    - Information according to ISHA
    - Information according to TCCA and other chemical management regulations
    - Dangerous Substances Safety Management Act
    - Regulation of Disposal
    - OSHA hazard communication standard (29 CFR 1910.1200)
- ☒ Hazardous   ☐ Non-hazardous

**16. OTHER INFORMATION****A. Reference**

- This information is based on our present state of knowledge. It shall describe our products regarding safety requirements and shall not be construed as a guarantee or statement of condition and/or quality
- Information contained in this safety data sheet is based on LG Chem owned data and public sources deemed valid or acceptable. The absence of data elements indicates, that no data meeting these requirements is available

**B. Issue date**

- 2017-11-02

**C. Revision number and Last date revised**

- R1.1: Established / 2017-11-02

**D. Other**

- This SDS is prepared according to the Globally Harmonized System (GHS).

# NYTRO® IZAR I



## SAFETY DATA SHEET

|                                 |            |
|---------------------------------|------------|
| Date of printing                | 2018-08-27 |
| Date of issue/ Date of revision | 2018-08-27 |
| Date of previous issue          | 2017-09-07 |
| Version                         | 3          |

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

|                     |                |
|---------------------|----------------|
| Product name        | NYTRO® IZAR I  |
| Product description | Insulating oil |
| Product type        | Liquid.        |
| MARPOL Annex 1      | Oils           |

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

| Identified uses                                                                                                                               |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|
| <input checked="" type="checkbox"/> Use in functional fluids - Industrial<br><input type="checkbox"/> Use in functional fluids - Professional |        |
| Uses advised against                                                                                                                          | Reason |
| This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier.    | -      |

### 1.3 Details of the supplier of the safety data sheet

|                                                   |                                                                                                                                                     |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Supplier/Manufacturer                             | Head office:<br>Nynas AB<br>P.O. Box 10700<br>SE-121 29 Stockholm<br>SWEDEN<br>+46 8 602 12 00 (Office hours 8 am - 4.30 pm (CET))<br>www.nynas.com |
| e-mail address of person responsible for this SDS | ProductHSE@nynas.com                                                                                                                                |

### 1.4 Emergency telephone number

|                                                           |                      |
|-----------------------------------------------------------|----------------------|
| Telephone number                                          | +44 (0) 1235 239 670 |
| Hours of operation                                        | 24 hour service      |
| <u>National advisory body/Poison Centre</u>               |                      |
| Telephone number 020 - 99 60 00 (Kemiakuten, 24h service) |                      |

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

|                                                                            |         |
|----------------------------------------------------------------------------|---------|
| Product definition                                                         | Mixture |
| <u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u> |         |
| Asp. Tox. 1, H304                                                          |         |

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

|                                       |                     |                               |                     |                |            |             |
|---------------------------------------|---------------------|-------------------------------|---------------------|----------------|------------|-------------|
| <b>Date of issue/Date of revision</b> | <b>: 2018-08-27</b> | <b>Date of previous issue</b> | <b>: 2017-09-07</b> | <b>Version</b> | <b>: 3</b> | <b>1/19</b> |
|---------------------------------------|---------------------|-------------------------------|---------------------|----------------|------------|-------------|

## SECTION 2: Hazards identification

Hazard pictograms



|                                                                                                                                    |                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Signal word                                                                                                                        | Danger                                                                                                                   |
| Hazard statements                                                                                                                  | H304 - May be fatal if swallowed and enters airways.                                                                     |
| Precautionary statements                                                                                                           |                                                                                                                          |
| Prevention                                                                                                                         | Not applicable.                                                                                                          |
| Response                                                                                                                           | P301 + P310 + P331 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.                |
| Storage                                                                                                                            | P405 - Store locked up.                                                                                                  |
| Disposal                                                                                                                           | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Supplemental label elements                                                                                                        | Not applicable.                                                                                                          |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | Not applicable.                                                                                                          |

## 2.3 Other hazards

|                                                                                              |                 |
|----------------------------------------------------------------------------------------------|-----------------|
| Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII  | Not applicable. |
| Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII | Not applicable. |

## SECTION 3: Composition/information on ingredients

## 3.2 Mixtures

## Mixture

| Product/ingredient name                                   | Identifiers                                                                          | %       | <u>Classification</u><br>Regulation (EC) No. 1272/2008 [CLP] | Type    |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------|---------|--------------------------------------------------------------|---------|
| Distillates (petroleum), hydrotreated light naphthenic    | REACH #: 01-2119480375-34<br>EC: 265-156-6<br>CAS: 64742-53-6<br>Index: 649-466-00-2 | 50 - 80 | Asp. Tox. 1, H304                                            | [1]     |
| Distillates (petroleum), hydrotreated light paraffinic    | REACH #: 01-2119487077-29<br>EC: 265-158-7<br>CAS: 64742-55-8                        | 20 - 50 | Asp. Tox. 1, H304                                            | [1]     |
| Distillates (petroleum), solvent-refined heavy naphthenic | REACH #: 01-2119483621-38<br>EC: 265-097-6<br>CAS: 64741-96-4<br>Index: 649-457-00-3 | 0 - 5   | Asp. Tox. 1, H304                                            | [1]     |
| 2,6-di-tert-butyl-p-cresol                                | REACH #: 01-2119555270-46<br>EC: 204-881-4<br>CAS: 128-37-0                          | <0.1    | Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1) | [1] [2] |

**SECTION 3: Composition/information on ingredients**

|  |  |  |                                                                      |  |
|--|--|--|----------------------------------------------------------------------|--|
|  |  |  | See Section 16 for the full text of the H statements declared above. |  |
|--|--|--|----------------------------------------------------------------------|--|

Regulation (EC) No. 1272/2008 [CLP] Annex VI Nota L applies to the base oil(s) in this product. Nota L - The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

Occupational exposure limits, if available, are listed in Section 8.

**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact                | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation, blurred vision or swelling occurs and persists, obtain medical advice from a specialist.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Inhalation                 | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If casualty is unconscious and: If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe. Maintain an open airway.                                                                                                                                                                                                                                                                                                   |
| Skin contact               | Wash with soap and water. Remove contaminated clothing and shoes. Handle with care and dispose of in a safe manner. Seek medical attention if skin irritation, swelling or redness develops and persists.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ingestion                  | <p>Accidental high pressure injection through the skin requires immediate medical attention. Do not wait for symptoms to develop.</p> <p>Always assume that aspiration has occurred. Do not induce vomiting. Can enter lungs and cause damage. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Seek professional medical attention or send the casualty to a hospital. Do not wait for symptoms to develop.</p>                                                                                                                                                                                                                                       |
| Protection of first-aiders | <p>Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p> <p>No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.</p> <p>Before attempting to rescue casualties, isolate area from all potential sources of ignition including disconnecting electrical supply. Ensure adequate ventilation and check that a safe, breathable atmosphere is present before entry into confined spaces.</p> |

## 4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

|              |                                                                                              |
|--------------|----------------------------------------------------------------------------------------------|
| Eye contact  | Eye contact may cause redness and transient pain.                                            |
| Inhalation   | Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation. |
| Skin contact | No known significant effects or critical hazards.                                            |
| Ingestion    | May be fatal if swallowed and enters airways.                                                |



## SECTION 4: First aid measures

### 4.3 Indication of any immediate medical attention and special treatment needed

|                     |                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------|
| Notes to physician  | Due to low viscosity there is a risk of aspiration if the product enters the lungs. Treat symptomatically. |
| Specific treatments | Always assume that aspiration has occurred.                                                                |

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

|                                |                                                                                                                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media   | Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.                                                                                                                                             |
| Unsuitable extinguishing media | Do not use direct water jets on the burning product; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. |

### 5.2 Special hazards arising from the substance or mixture

|                                          |                                                                                                                                                                                                                                                                     |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazards from the substance or mixture    | In a fire or if heated, a pressure increase will occur and the container may burst. This substance will float and can be reignited on surface water.                                                                                                                |
| Hazardous thermal decomposition products | Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates, gases, including carbon monoxide, H <sub>2</sub> S, SO <sub>x</sub> (sulfur oxides) or sulfuric acid and unidentified organic and inorganic compounds. |

### 5.3 Advice for firefighters

|                                                |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special precautions for fire-fighters          | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                                                                                                                                                             |
| Special protective equipment for fire-fighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For non-emergency personnel | Avoid breathing vapour or mist. Keep non-involved personnel away from the area of spillage. Alert emergency personnel. Except in case of small spillages, the feasibility of any actions should always be assessed and advised, if possible, by a trained, competent person in charge of managing the emergency. Stop leak if safe to do so. Avoid direct contact with the product. Stay upwind/keep distance from source. In case of large spillages, alert occupants in downwind areas. |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Eliminate all ignition sources if safe to do so. Spillages of limited amounts of product, especially in the open air when vapours will be usually quickly dispersed, are dynamic situations, which will presumably limit the exposure to dangerous concentrations.

Note : recommended measures are based on the most likely spillage scenarios for this material; however, local conditions (wind, air temperature, wave/current direction and speed) may significantly influence the choice of appropriate actions. For this reason, local experts should be consulted when necessary. Local regulations may also prescribe or limit actions to be taken.

## SECTION 6: Accidental release measures

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For emergency responders                                 | <p>Small spillages: normal antistatic working clothes are usually adequate.</p> <p>Large spillages: full body suit of chemically resistant and thermal resistant material should be used. Work gloves providing adequate chemical resistance, specifically to aromatic hydrocarbons. Note : gloves made of PVA are not water-resistant, and are not suitable for emergency use. Safety helmet, antistatic non-skid safety shoes or boots. Goggles and /or face shield, if splashes or contact with eyes is possible or anticipated.</p> <p>Respiratory protection : A half or full-face respirator with filter(s) for organic vapours (and when applicable for H<sub>2</sub>S) a Self Contained Breathing Apparatus (SCBA) can be used according to the extent of spill and predictable amount of exposure. If the situation cannot be completely assessed, or if an oxygen deficiency is possible, only SCBA's should be used.</p> |
| 6.2 Environmental precautions                            | <p>Prevent product from entering sewers, rivers or other bodies of water. If necessary dike the product with dry earth, sand or similar non-combustible materials. In case of soil contamination, remove contaminated soil and treat in accordance with local regulations.</p> <p>In case of small spillages in closed waters (i.e. ports), contain product with floating barriers or other equipment. Collect spilled product by absorbing with specific floating absorbents.</p> <p>If possible, large spillages in open waters should be contained with floating barriers or other mechanical means. If this is not possible, control the spreading of the spillage, and collect the product by skimming or other suitable mechanical means. The use of dispersants should be advised by an expert, and, if required, approved by local authorities.</p>                                                                         |
| 6.3 Methods and material for containment and cleaning up |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Small spill                                              | Stop leak if without risk. Absorb spilled product with suitable non-combustible materials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Large spill                                              | Large spillages may be cautiously covered with foam, if available, to limit vapour cloud formation. Do not use water jet. When inside buildings or confined spaces, ensure adequate ventilation. Transfer collected product and other contaminated materials to suitable containers for recovery or safe disposal. Approach the release from upwind. Contaminated absorbent material may pose the same hazard as the spilt product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 6.4 Reference to other sections                          | <p>See Section 1 for emergency contact information.</p> <p>See Section 8 for information on appropriate personal protective equipment.</p> <p>See Section 13 for additional waste treatment information.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General information               | <p>Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use and store only outdoors or in a well-ventilated area. Hazard of slipping on spilt product. Avoid release to the environment.</p>                                                                                                                                                                                                                                 |
| 7.1 Precautions for safe handling |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protective measures               | <p>Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.</p> <p>Prevent the risk of slipping. Take precautionary measures against static discharge. Avoid splash filling of bulk volumes when handling hot liquid product. Empty containers retain product residue and can be hazardous.</p> |

## SECTION 7: Handling and storage

|                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Advice on general occupational hygiene</p>                           | <p>Nota : See Section 8 for information on appropriate personal protective equipment. See section 13 for waste disposal information.</p> <p>Ensure that proper housekeeping measures are in place. Contaminated materials should not be allowed to accumulate in the workplaces and should never be kept inside the pockets. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands thoroughly after handling. Change contaminated clothes at the end of working shift. See also Section 8 for additional information on hygiene measures.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>7.2 Conditions for safe storage, including any incompatibilities</p> | <p>Storage area layout, tank design, equipment and operating procedures must comply with the relevant regional, national or local legislation. Storage installations should be designed with adequate bunds in case of leaks or spills. Cleaning, inspection and maintenance of internal structure of storage tanks must be done only by properly equipped and qualified personnel as defined by national, local or company regulations.</p> <p>Store separately from oxidising agents.</p> <p>Recommended materials for containers, or container linings use mild steel, stainless steel. Not suitable : Some synthetic materials may be unsuitable for containers or container linings depending on the material specification and intended use. Compatibility should be checked with the manufacturer.</p> <p>Keep only in the original container or in a suitable container for this kind of product. Keep container tightly closed and sealed until ready for use. Do not store in unlabelled containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Empty containers may contain harmful, flammable/combustible or explosive residue or vapours. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards. Store locked up. Protect from sunlight.</p> |
| <p>7.3 Specific end use(s)</p>                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>Recommendations</p>                                                  | <p>Not available.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>Industrial sector specific solutions</p>                             | <p>Not available.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 8.1 Control parameters

#### Occupational exposure limits

| Product/ingredient name                                   | Exposure limit values                                                                                                                                                                        |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | <b>Work environment authority Regulation 2015:7 (Sweden, 12/2015).</b><br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: mist and fume<br>STEL: 3 mg/m <sup>3</sup> 15 minutes. Form: mist and fume |
| Distillates (petroleum), hydrotreated light paraffinic    | <b>Work environment authority Regulation 2015:7 (Sweden, 12/2015).</b><br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: mist and fume<br>STEL: 3 mg/m <sup>3</sup> 15 minutes. Form: mist and fume |
| Distillates (petroleum), solvent-refined heavy naphthenic | <b>Work environment authority Regulation 2015:7 (Sweden, 12/2015).</b><br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: mist and fume<br>STEL: 3 mg/m <sup>3</sup> 15 minutes. Form: mist and fume |
| Oil mist                                                  | <b>[Air contaminant]</b><br><b>Work environment authority Regulation 2015:7 (Sweden, 12/2015).</b><br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: mist and fume                                  |

## SECTION 8: Exposure controls/personal protection

STEL: 3 mg/m<sup>3</sup> 15 minutes. Form: mist and fume

## Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

## DNELs/DMELs

| Product/ingredient name                                   | Type | Exposure             | Value                 | Population | Effects |
|-----------------------------------------------------------|------|----------------------|-----------------------|------------|---------|
| Distillate (petroleum), hydrotreated light naphthenic     | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup> | Workers    | Local   |
| Distillates (petroleum), hydrotreated light paraffinic    | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup> | Workers    | Local   |
|                                                           | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup> | Workers    | Local   |
| Distillates (petroleum), solvent refined heavy naphthenic | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup> | Workers    | Local   |
|                                                           | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup> | Workers    | Local   |

## PNECs

No PNECs available

## PNEC Summary

Hydrocarbon Block Method (Petrisk)

## 8.2 Exposure controls

## Appropriate engineering controls

Mechanical ventilation and local exhaust will reduce exposure via the air. Use oil resistant material in construction of handling equipment. Store under recommended conditions and if heated, temperature control equipment should be used to avoid overheating.

## Individual protection measures

## Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location. Wash contaminated clothing before reuse.

## Eye/face protection

Recommended: Safety glasses with side shields.

## Skin protection

## Hand protection

4 - 8 hours (breakthrough time): nitrile rubber

## Body protection

Wear protective clothing if there is a risk of skin contact. Change contaminated clothes at the end of working shift.

## Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Respiratory protection

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.

## Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                                                                         |                                                              |
|-------------------------------------------------------------------------|--------------------------------------------------------------|
| Physical state                                                          | Liquid.                                                      |
| Colour                                                                  | Light yellow                                                 |
| Odour                                                                   | Odourless / Light petroleum.                                 |
| Odour threshold                                                         | Not applicable.                                              |
| pH                                                                      | Not applicable.                                              |
| Melting point/freezing point                                            | -48°C                                                        |
| Initial boiling point and boiling range                                 | >250°C                                                       |
| Flash point                                                             | Closed cup: 140°C [Pensky-Martens.]<br>Open cup: 152°C [COC] |
| Evaporation rate                                                        | Not available.                                               |
| Flammability (solid, gas)                                               | Not available.                                               |
| Upper/lower flammability or explosive limits                            | Not available.                                               |
| Vapour pressure (Calculated)                                            | >0,01 kPa [room temperature]                                 |
| Density                                                                 | 0,88 g/cm³ [15°C]                                            |
| Solubility(ies)                                                         | Insoluble in water.                                          |
| Partition coefficient: n-octanol/ water                                 | Not available.                                               |
| Auto-ignition temperature                                               | Not available.                                               |
| Decomposition temperature                                               | >280°C                                                       |
| Viscosity                                                               | Kinematic (40°C): 0,095 cm²/s (9,5 cSt)                      |
| Explosive properties                                                    | Not available.                                               |
| Oxidising properties                                                    | Not available.                                               |
| DMSO extractable compounds for base oil substance(s) according to IP346 | < 3%                                                         |

## SECTION 10: Stability and reactivity

|                                         |                                                                                                                                                                                                                                                                     |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.1 Reactivity                         | No specific test data related to reactivity available for this product or its ingredients.                                                                                                                                                                          |
| 10.2 Chemical stability                 | Stable under normal conditions.                                                                                                                                                                                                                                     |
| 10.3 Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur.                                                                                                                                                                                     |
| 10.4 Conditions to avoid                | Oxidising agent.                                                                                                                                                                                                                                                    |
| 10.5 Incompatible materials             | Keep away from extreme heat and oxidizing agents.                                                                                                                                                                                                                   |
| 10.6 Hazardous decomposition products   | Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates, gases, including carbon monoxide, H <sub>2</sub> S, SO <sub>x</sub> (sulfur oxides) or sulfuric acid and unidentified organic and inorganic compounds. |

## SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

## Acute toxicity

| Product/ingredient name                                   | Result                          | Species            | Dose        | Exposure | Remarks                        |
|-----------------------------------------------------------|---------------------------------|--------------------|-------------|----------|--------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | LC50 Inhalation Dusts and mists | Rat - Male, Female | >5,53 mg/l  | 4 hours  | EMBSI 1988a (similar material) |
|                                                           | LD50 Dermal                     | Rabbit             | >5000 mg/kg | -        | API 1982 (similar material)    |
|                                                           | LD50 Oral                       | Rat                | >5000 mg/kg | -        | API 1986a (similar material)   |
| Distillates (petroleum), hydrotreated light paraffinic    | LC50 Inhalation Dusts and mists | Rat - Male, Female | >5,53 mg/l  | 4 hours  | EMBSI 1988a (similar material) |
|                                                           | LD50 Dermal                     | Rabbit             | >5000 mg/kg | -        | API 1982 (similar material)    |
|                                                           | LD50 Oral                       | Rat                | >5000 mg/kg | -        | API 1986a (similar material)   |
| Distillates (petroleum), solvent-refined heavy naphthenic | LC50 Inhalation Dusts and mists | Rat                | >5,53 mg/l  | 4 hours  | EMBSI 1988a (similar material) |
|                                                           | LD50 Dermal                     | Rabbit             | >5000 mg/kg | -        | API 1982 (similar material)    |
|                                                           | LD50 Oral                       | Rat                | >5000 mg/kg | -        | API 1986a (similar material)   |

## Conclusion/Summary

No known significant effects or critical hazards.

## Irritation/Corrosion

| Product/ingredient name                                   | Result                             | Species | Score        | Observation    | Remarks                       |
|-----------------------------------------------------------|------------------------------------|---------|--------------|----------------|-------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | Skin - Non-irritant to skin.       | Rabbit  | 0 to 0,8     | 24 to 72 hours | UBTL 1984e (similar material) |
|                                                           | Eyes - Non-irritating to the eyes. | Rabbit  | 0,17 to 0,33 | 24 to 72 hours | UBTL 1984i (similar material) |
| Distillates (petroleum), hydrotreated light paraffinic    | Skin - Non-irritant to skin.       | Rabbit  | 0 to 0,8     | 24 to 72 hours | UBTL 1984e (similar material) |
|                                                           | Eyes - Non-irritating to the eyes. | Rabbit  | 0,17 to 0,33 | 24 to 72 hours | UBTL 1984i (similar material) |
| Distillates (petroleum), solvent-refined heavy naphthenic | Skin - Non-irritant to skin.       | Rabbit  | 0 to 0,8     | 24 to 72 hours | UBTL 1984e (similar material) |
|                                                           | Eyes - Non-irritating to the eyes. | Rabbit  | 0,17 to 0,33 | 24 to 72 hours | UBTL 1984i (similar material) |

Skin

No known significant effects or critical hazards.

Eyes

No known significant effects or critical hazards.

Respiratory

No known significant effects or critical hazards.

## Sensitisation



## SECTION 11: Toxicological information

| Product/ingredient name                                   | Route of exposure | Species    | Result          | Remarks                           |
|-----------------------------------------------------------|-------------------|------------|-----------------|-----------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | skin              | Guinea pig | Not sensitizing | UBTL 1984j,k,l (similar material) |
| Distillates (petroleum), hydrotreated light paraffinic    | skin              | Guinea pig | Not sensitizing | UBTL 1984j,k,l (similar material) |
| Distillates (petroleum), solvent-refined heavy naphthenic | skin              | Guinea pig | Not sensitizing | UBTL 1984j,k,l (similar material) |

Skin No known significant effects or critical hazards.

Respiratory No known significant effects or critical hazards.

Mutagenicity

| Product/ingredient name                                   | Test                                                                    | Experiment                                                                                         | Result   | Remarks                                  |
|-----------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------|------------------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | OECD 473 473<br>In vitro<br>Mammalian<br>Chromosomal<br>Aberration Test | Experiment: In vitro<br><br>Subject: Mammalian-Animal                                              | Negative | -                                        |
| Distillates (petroleum), hydrotreated light paraffinic    | OECD 473 473<br>In vitro<br>Mammalian<br>Chromosomal<br>Aberration Test | Experiment: In vitro<br><br>Subject: Mammalian-Animal                                              | Negative | -                                        |
| Distillates (petroleum), solvent-refined heavy naphthenic | OECD 473 473<br>In vitro<br>Mammalian<br>Chromosomal<br>Aberration Test | Experiment: In vitro<br><br>Subject: Mammalian-Animal<br>Metabolic activation:<br>Whit and without | Negative | Reference report 1987 (similar material) |

Conclusion/Summary No known significant effects or critical hazards.

Carcinogenicity

| Product/ingredient name                                   | Result            | Species        | Dose            | Exposure          | Remarks                                    |
|-----------------------------------------------------------|-------------------|----------------|-----------------|-------------------|--------------------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | Negative - Dermal | Mouse - Female | 0,22 to 0,25 ml | 78 weeks; Various | Doak, 1983, McKee, 1989 (similar material) |
| Distillates (petroleum), hydrotreated light paraffinic    | Negative - Dermal | Mouse - Female | 0,22 to 0,25 ml | 78 weeks; Various | Doak, 1983, McKee, 1989 (similar material) |
| Distillates (petroleum), solvent-refined heavy naphthenic | Negative - Dermal | Mouse - Female | 0,22 to 0,25 ml | 78 weeks; Various | DOAK 1983, McKee 1989 (similar material)   |

Conclusion/Summary The base oil(s) in this product is based on an severely hydrotreated distillate. The product should not be regarded as a carcinogen.

Reproductive toxicity

Conclusion/Summary Based on available data, the classification criteria are not met.

## SECTION 11: Toxicological information

Teratogenicity

| Product/ingredient name                                   | Result            | Species | Dose                      | Exposure | Remarks            |
|-----------------------------------------------------------|-------------------|---------|---------------------------|----------|--------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | Negative - Dermal | Rat     | 0 to 2000 mg/kg mg/kg/day | -        | (similar material) |
| Distillates (petroleum), hydrotreated light paraffinic    | Negative - Dermal | Rat     | 0 to 2000 mg/kg mg/kg/day | -        | -                  |
| Distillates (petroleum), solvent-refined heavy naphthenic | Negative - Dermal | Rat     | 0 to 2000 mg/kg mg/kg/day | -        | -                  |

## Conclusion/Summary

No known significant effects or critical hazards.

Aspiration hazard

| Product/ingredient name                                   | Result                         |
|-----------------------------------------------------------|--------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | ASPIRATION HAZARD - Category 1 |
| Distillates (petroleum), hydrotreated light paraffinic    | ASPIRATION HAZARD - Category 1 |
| Distillates (petroleum), solvent-refined heavy naphthenic | ASPIRATION HAZARD - Category 1 |

## Information on likely routes of exposure

Not available.

Potential acute health effects

## Eye contact

Eye contact may cause redness and transient pain.

## Inhalation

Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation.

## Skin contact

No known significant effects or critical hazards.

## Ingestion

May be fatal if swallowed and enters airways.

Potential chronic health effects

## General

No known significant effects or critical hazards.

## Carcinogenicity

The base oil(s) in this product is based on an severely hydrotreated distillate. The product should not be regarded as a carcinogen.

## Mutagenicity

No known significant effects or critical hazards.

## Teratogenicity

No known significant effects or critical hazards.

## Product/ingredient name

No known significant effects or critical hazards.

## Fertility effects

No known significant effects or critical hazards.

## Other information

Not available.

Specific hazard Aspiration hazard

Aspiration means the entry of a liquid substance directly into the trachea and lower respiratory tract.

Aspiration of hydrocarbon substances can result in severe acute effects such as chemical pneumonitis, varying degree of pulmonary injury or death.

This property relates to the potential for low viscosity material to spread quickly into the deep lung and cause severe pulmonary tissue damage.

Classification of a hydrocarbon substance for aspiration hazard is made on the basis of reliable human evidence or on the basis of physical properties.

## SECTION 12: Ecological information

## 12.1 Toxicity

| Product/ingredient name                                   | Result                 | Species                | Exposure |
|-----------------------------------------------------------|------------------------|------------------------|----------|
| Distillates (petroleum), hydrotreated light naphthenic    | Acute LL50 >10000 mg/l | Aquatic invertebrates. | 96 hours |
|                                                           | Acute LL50 >100 mg/l   | Fish                   | 96 hours |
|                                                           | Acute NOEL >100 mg/l   | Algae                  | 72 hours |
|                                                           | Chronic NOEL 10 mg/l   | Aquatic invertebrates. | 21 days  |
| Distillates (petroleum), hydrotreated light paraffinic    | Acute IC50 >100 mg/l   | Algae                  | 48 hours |
|                                                           | Acute LC50 >100 mg/l   | Fish                   | 96 hours |
|                                                           | Acute LL50 >10000 mg/l | Aquatic invertebrates. | 96 hours |
|                                                           | Acute LL50 >100 mg/l   | Fish                   | 96 hours |
|                                                           | Acute NOEL >100 mg/l   | Algae                  | 72 hours |
|                                                           | Chronic NOEL 10 mg/l   | Aquatic invertebrates. | 21 days  |
| Distillates (petroleum), solvent-refined heavy naphthenic | Acute LL50 >10000 mg/l | Aquatic invertebrates. | 96 hours |
|                                                           | Acute LL50 >10000 mg/l | Aquatic invertebrates. | 96 hours |
|                                                           | Acute LL50 >100 mg/l   | Fish                   | 96 hours |
|                                                           | Acute LL50 >100 mg/l   | Fish                   | 96 hours |
|                                                           | Acute NOEL 10 mg/l     | Algae                  | 72 hours |
|                                                           | Acute NOEL >100 mg/l   | Algae                  | 72 hours |
|                                                           | Chronic NOEL 10 mg/l   | Aquatic invertebrates. | 21 days  |
|                                                           | Chronic NOEL 10 mg/l   | Aquatic invertebrates. | 21 days  |

Conclusion/Summary No known significant effects or critical hazards.

## 12.2 Persistence and degradability

| Product/ingredient name                                   | Aquatic half-life | Photolysis | Biodegradability |
|-----------------------------------------------------------|-------------------|------------|------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | -                 | -          | Inherent         |
| Distillates (petroleum), hydrotreated light paraffinic    | -                 | -          | Inherent         |
| Distillates (petroleum), solvent-refined heavy naphthenic | -                 | -          | Inherent         |

Conclusion/Summary Inherently biodegradable.

## 12.3 Bioaccumulative potential

| Product/ingredient name                                   | LogP <sub>ow</sub> | BCF  | Potential |
|-----------------------------------------------------------|--------------------|------|-----------|
| Distillates (petroleum), hydrotreated light naphthenic    | 2 to 6             | <500 | low       |
| Distillates (petroleum), hydrotreated light paraffinic    | 2 to 6             | <500 | low       |
| Distillates (petroleum), solvent-refined heavy naphthenic | 2 to 6             | <500 | low       |

Conclusion/Summary The product has a potential to bioaccumulate.

## 12.4 Mobility in soil

Mobility High mobility in soil predicted, based on log K<sub>ow</sub> > 3.0.

## 12.5 Results of PBT and vPvB assessment

Not applicable.

Not applicable.

## 12.6 Other adverse effects

Insoluble in water. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

##### Methods of disposal

Where possible (e.g. in the absence of relevant contamination), recycling of used substance is feasible and recommended. This substance can be burned or incinerated, subject to national/local authorizations, relevant contamination limits, safety regulations and air quality legislation. Contaminated or waste substance (not directly recyclable): Disposal can be carried out directly, or by delivery to qualified waste handlers. National legislation may identify a specific organization, and/or prescribe composition limits and methods for recovery or disposal.

##### Hazardous waste

Yes.

#### European waste catalogue (EWC)

| Waste code | Waste designation                                                   |
|------------|---------------------------------------------------------------------|
| 13 03 07*  | mineral-based non-chlorinated insulating and heat transmission oils |

#### Packaging

##### Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

## SECTION 14: Transport information

### International transport regulations

|                                        | ADR/RID        | ADN            | IMO/IMDG Classification | ICAO/IATA Classification |
|----------------------------------------|----------------|----------------|-------------------------|--------------------------|
| <b>14.1 UN number</b>                  | Not regulated. | Not regulated. | Not regulated.          | Not regulated.           |
| <b>14.2 UN proper shipping name</b>    | -              | -              | -                       | -                        |
| <b>14.3 Transport hazard class(es)</b> | -              | -              | -                       | -                        |
| <b>14.4 Packing group</b>              | -              | -              | -                       | -                        |
| <b>14.5 Environmental hazards</b>      | No.            | No.            | No.                     | No.                      |
| <b>Additional information</b>          | -              | -              | -                       | -                        |

### 14.6 Special precautions for user

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### 14.7 Transport in bulk according to Annex I of MARPOL 73/78 and the IBC Code

Oils

## SECTION 15: Regulatory information

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)Annex XIV - List of substances subject to authorisation

## Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

Other EU regulationsSeveso Directive

This product is not controlled under the Seveso Directive.

International listsNational inventory

|                   |                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Australia         | All components are listed or exempted.                                                                                                         |
| Canada            | All components are listed or exempted.                                                                                                         |
| China             | All components are listed or exempted.                                                                                                         |
| Japan             | <b>Japan inventory (ENCS):</b> All components are listed or exempted.<br><b>Japan inventory (ISHL):</b> All components are listed or exempted. |
| Malaysia          | Not determined.                                                                                                                                |
| New Zealand       | All components are listed or exempted.                                                                                                         |
| Philippines       | All components are listed or exempted.                                                                                                         |
| Republic of Korea | All components are listed or exempted.                                                                                                         |
| Taiwan            | All components are listed or exempted.                                                                                                         |
| United States     | All components are listed or exempted.                                                                                                         |
| Thailand          | Not determined.                                                                                                                                |
| Turkey            | All components are listed or exempted.                                                                                                         |
| Viet Nam          | Not determined.                                                                                                                                |

## 15.2 Chemical safety assessment

Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.

## SECTION 16: Other information

Revision comments Not available.

Indicates information that has changed from previously issued version.

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE = Acute Toxicity Estimate  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 CMR = Carcinogen, Mutagen or Reproductive toxicant  
 CSA = Chemical Safety Assessment  
 CO<sub>2</sub> = carbon dioxide  
 DNEL = Derived No Effect Level  
 EC50 = Half maximal effective concentration  
 EUH statement = CLP-specific Hazard statement  
 IATA = International Air Transport Association

## SECTION 16: Other information

IC50 = Half maximal inhibitory concentration  
 IMDG = International Maritime Dangerous Goods  
 LC50 = Median lethal concentration  
 LD50 = Median lethal dose  
 PNEC = Predicted No Effect Concentration  
 PBT = Persistent, Bioaccumulative and Toxic  
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
 Regulation [Regulation (EC) No. 1907/2006]  
 SCBA = Self-Contained Breathing Apparatus  
 SVHC = Substances of Very High Concern

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification    | Justification      |
|-------------------|--------------------|
| Asp. Tox. 1, H304 | Calculation method |

Sweden

|                                        |                   |                                               |
|----------------------------------------|-------------------|-----------------------------------------------|
| Full text of abbreviated H statements  | H304              | May be fatal if swallowed and enters airways. |
| Full text of classifications [CLP/GHS] | Asp. Tox. 1, H304 | ASPIRATION HAZARD - Category 1                |
| Date of printing                       | 2018-08-27        |                                               |
| Date of issue/ Date of revision        | 2018-08-27        |                                               |
| Date of previous issue                 | 2017-09-07        |                                               |
| Version                                | 3                 |                                               |

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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## Section 1 - Title

|                                                           |                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Short title of the exposure scenario                      | Use in functional fluids - Industrial                                                                                                                                                                                                                                         |
| List of use descriptors                                   | <b>Identified use name:</b> Use in functional fluids - Industrial<br><b>Process Category:</b> PROC01, PROC02, PROC08b, PROC09<br><b>Subsequent service life relevant for that use:</b> No.<br><b>Environmental Release Category:</b> ERC07                                    |
| Environmental contributing scenarios                      | <b>Use of functional fluid at industrial site</b> - ERC07                                                                                                                                                                                                                     |
| Health Contributing scenarios                             | <b>General exposures (closed systems)</b> - PROC02<br><b>Bulk transfers</b> - PROC01, PROC02<br><b>Storage</b> - PROC01, PROC02<br><b>Drum/batch transfers</b> - PROC08b<br><b>Filling of articles/equipment</b> - PROC09<br><b>Remanufacture of reject articles</b> - PROC09 |
| Processes and activities covered by the exposure scenario | Use as functional fluids e.g. cable oils, transfer oils, coolants, insulators, refrigerants, hydraulic fluids in industrial equipment including maintenance and related material transfers.                                                                                   |

## Section 2 - Exposure controls

### 2.1 Control of environmental exposure

|                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Amounts used                                                                                                       | Annual site tonnage (tonnes/year) 10<br>Maximum daily site tonnage (kg/day) 500                                                                                                                                                                                                                                                                                                                                          |
| Frequency and duration of use                                                                                      | Continuous release<br>Emission days (days per year) 20                                                                                                                                                                                                                                                                                                                                                                   |
| Other conditions affecting environmental exposure                                                                  | Release fraction to air from process (initial release prior to RMM) 0.0005<br>Release fraction to wastewater from process (initial release prior to RMM) 1.0E-6<br>Release fraction to soil from process (initial release prior to RMM) 0.001                                                                                                                                                                            |
| <u>Technical on-site conditions and measures to reduce or limit discharges, air emissions and releases to soil</u> | Prevent discharge of undissolved substance to or recover from onsite wastewater. If discharging to domestic sewage treatment plant, no onsite wastewater treatment required.                                                                                                                                                                                                                                             |
| Risk management measures - Air                                                                                     | Treat air emission to provide the required removal efficiency of $\geq 70\%$ .                                                                                                                                                                                                                                                                                                                                           |
| Risk management measures - Water                                                                                   | Treat on-site wastewater (prior to receiving water discharge) to provide the required removal efficiency of 36,6 %.                                                                                                                                                                                                                                                                                                      |
| Organisational measures to prevent/limit release from site                                                         | Do not apply industrial sludge to natural soils. Sewage sludge should be incinerated, contained or reclaimed.                                                                                                                                                                                                                                                                                                            |
| <u>Conditions and measures related to sewage treatment plant</u>                                                   | Estimated substance removal from wastewater via domestic sewage treatment (%) 95.1<br>Total efficiency of removal from wastewater after on-site and off-site (municipal treatment plant) RMMs (%) 95.1<br>Maximum allowable site tonnage ( $M_{\text{Safe}}$ ) based on release following total wastewater treatment removal (kg/day) 6400<br>Assumed on-site sewage treatment plant flow ( $\text{m}^3/\text{d}$ ) 2000 |

### 2.2 Control of worker exposure

#### General measures applicable to all activities

|                               |                                      |
|-------------------------------|--------------------------------------|
| Frequency and duration of use | Covers daily exposures up to 8 hours |
|-------------------------------|--------------------------------------|

## Section 2 - Exposure controls

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Other conditions affecting workers exposure | Assumes a good basic standard of occupational hygiene is implemented Assumes use at not more than 20°C above ambient temperature, unless stated differently. There are no routine anticipated exposures by ingestion related to any supported uses of the substance. The risk arising from aspiration hazard is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific risk. |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Risk management measures (RMM)

Storage - PROC 1, 2  
Store substance within a closed system.

## Section 3 - Exposure estimation and reference to its source

### 3.1 Environment

|                                    |                                                                                                                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure assessment (environment): | The Hydrocarbon Block Method has been used to calculate environmental exposure with the Petrorisk model.<br>Risk Characterisation Ratio (RCR) air 0.009<br>Risk Characterisation Ratio (RCR) water 0.078 |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 3.2 Workers

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure assessment (human):                    | Qualitative approach used to conclude safe use.                                                                                                                                                                                                                                                                                                                                           |
| Exposure estimation and reference to its source | A DNEL (derived no effect levels) cannot be derived. There are no routine anticipated exposures by ingestion related to any supported uses of the substance. The risk arising from aspiration hazard is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific risk. |

## Section 1 - Title

|                                                           |                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Short title of the exposure scenario                      | Use in functional fluids - Professional                                                                                                                                                                                                                                     |
| List of use descriptors                                   | <b>Identified use name:</b> Use in functional fluids - Professional<br><b>Process Category:</b> PROC01, PROC02, PROC08a, PROC20<br><b>Subsequent service life relevant for that use:</b> No.<br><b>Environmental Release Category:</b> ERC09a, ERC09b, ESVOC SpERC 9.13b.v1 |
| Environmental contributing scenarios                      | <b>Widespread use of functional fluid (outdoor) -</b> ERC09b<br><b>Widespread use of functional fluid (indoor) -</b> ERC09a                                                                                                                                                 |
| Health Contributing scenarios                             | <b>Drum/batch transfers -</b> PROC08a<br><b>Operation of equipment containing engine oils and similar -</b> PROC01, PROC02, PROC20<br><b>Equipment cleaning and maintenance -</b> PROC08a<br><b>Storage -</b> PROC01, PROC02                                                |
| Processes and activities covered by the exposure scenario | Use as functional fluids e.g. cable oils, transfer oils, coolants, insulators, refrigerants, hydraulic fluids in industrial equipment including maintenance and related material transfers.                                                                                 |

## Section 2 - Exposure controls

### 2.1 Control of environmental exposure

|                                                   |                                                                                                                                                                                                                                                |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Amounts used                                      | Annual site tonnage (tonnes/year) 0,016<br>Maximum daily site tonnage (kg/day) 0,044                                                                                                                                                           |
| Frequency and duration of use                     | Continuous release<br>Emission days (days per year) 365                                                                                                                                                                                        |
| Other conditions affecting environmental exposure | Release fraction to air from process (initial release prior to RMM) 0.0005<br>Release fraction to wastewater from process (initial release prior to RMM) 0.005<br>Release fraction to soil from process (initial release prior to RMM) <=0.001 |

### 2.2 Control of worker exposure

#### General measures applicable to all activities

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration of substance in mixture or article | Covers percentage substance in the product up to 100% (unless stated differently).                                                                                                                                                                                                                                                                                                                                                                                                                |
| Frequency and duration of use                    | Covers daily exposures up to 8 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Other conditions affecting workers exposure      | Assumes a good basic standard of occupational hygiene is implemented Assumes use at not more than 20°C above ambient temperature, unless stated differently. There are no routine anticipated exposures by ingestion related to any supported uses of the substance. The risk arising from aspiration hazard is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific risk. |

#### Risk management measures (RMM)

|                                                   |                                                               |
|---------------------------------------------------|---------------------------------------------------------------|
| Drum/batch transfers - PROC 8a                    | Use drum pumps.                                               |
| Clean-down and maintenance of equipment - PROC 8a | Drain down system prior to equipment break-in or maintenance. |
| Storage - PROC 1, 2                               | Store substance within a closed system.                       |

## Section 3 - Exposure estimation and reference to its source

## Section 3 - Exposure estimation and reference to its source

### 3.1 Environment

Exposure assessment  
(environment):

The Hydrocarbon Block Method has been used to calculate environmental exposure with the Petrorisk model.

Risk Characterisation Ratio (RCR) air 0.040

Risk Characterisation Ratio (RCR) water 0.453

### 3.2 Workers

Exposure assessment  
(human):

Qualitative approach used to conclude safe use.

Exposure estimation and  
reference to its source

A DNEL (derived no effect levels) cannot be derived. There are no routine anticipated exposures by ingestion related to any supported uses of the substance. The risk arising from aspiration hazard is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific risk.

# Nytro Izar I

Electrical insulating oil

Nytro Izar I is a type I ASTM D3487-16 transformer oil. Developed and formulated to deliver solid resistance to oil degradation, Nytro Izar I provides good oxidation stability for a longer transformer life with less maintenance.

## Designed for heavy duty

This product has been specially developed for use in oil-filled electrical equipment – including power and distribution transformers, rectifiers, circuit breakers and switchgears.

## Performance and benefits

Good heat transfer. Thanks to low viscosity and viscosity index, this high grade offers extremely good heat transfer characteristics, ensuring heat is efficiently removed from core and windings.

Reliable oxidation stability. Developed and formulated to deliver good resistance to oil degradation, this grade also provides good oxidation stability for enhanced transformer life and minimum maintenance.

Very good low temperature properties. Naphthenic characteristics allow the transformer to start at the lowest possible temperature – without using pour point depressants.

High dielectric strength. This insulating oil both meets and exceeds the toughest demands on dielectric strength – when stored and handled correctly.

## Product description

Nytro Izar I is a trace inhibited oil and fulfils the requirements for ASTM D 3487-16 Type I. Nynas classify this product as a high grade.

Nytro Izar I is rigorously analysed and passes the following corrosion tests:

- ASTM D1275
- IEC 62535
- DIN 51353

PCB: Not detectable according to ASTM D 4059

DBDS: Not detectable according to method using GC-AED.

## There's more to us than this

We're delighted you chose one of our transformer oils. If you have any questions about other products and services, get in touch with your local Nynas contact. Besides top quality oils, we offer a wide range of services, including rapid delivery worldwide, sample analysis, training, seminars and much more. All you have to do is ask. Find out more at [www.nynas.com](http://www.nynas.com)



## Nytro Izar I

| PROPERTY                                                                  | UNIT               | TEST METHOD<br>ASTM | SPECIFICATION LIMITS |                | TYPICAL DATA   |
|---------------------------------------------------------------------------|--------------------|---------------------|----------------------|----------------|----------------|
|                                                                           |                    |                     | MIN                  | MAX            |                |
| Physical                                                                  |                    |                     |                      |                |                |
| Aniline Point                                                             | °C                 | D 611               | 63                   |                | 79             |
| Colour                                                                    |                    | D 1500              |                      | 0.5            | <0.5           |
| Flash Point, COC                                                          | °C                 | D 92                | 145                  |                | 156            |
| Interfacial tension at 25°C                                               | mN /m              | D 971               | 40                   |                | 48             |
| Pour Point                                                                | °C                 | D 97 / D 5950       |                      | -40            | -48            |
| Relative Density at 15°C/15°C                                             |                    | D 1298 / D 4052     |                      | 0.91           | 0.880          |
| Viscosity, 100°C                                                          | mm <sup>2</sup> /s | D 445               |                      | 3.0            | 2.4            |
| Viscosity, 40°C                                                           | mm <sup>2</sup> /s | D 445               |                      | 12.0           | 9.5            |
| Viscosity, 0°C                                                            | mm <sup>2</sup> /s | D 445               |                      | 76.0           | 58             |
| Visual Examination                                                        |                    | D 1524              | Clear and bright     |                | complies       |
| Electrical                                                                |                    |                     |                      |                |                |
| Breakdown voltage at 60 Hz                                                |                    | D 1816              |                      |                |                |
| - VDE electrodes, As received                                             | kV                 | 1 mm gap            | 20                   |                | >40            |
| - VDE electrodes, As received                                             | kV                 | 2 mm gap            | 35                   |                | >44            |
| - VDE electrodes, As processed*                                           | kV                 | 2 mm gap            |                      |                | >70            |
| Dielectric breakdown voltage, impulse conditions, negative polarity point | kV                 | D 3300              | 145                  |                | >300           |
| Gassing tendency                                                          | µL /minute         | D 2300              |                      | +30            | +12            |
| Dielectric dissipation factor at 60 Hz                                    |                    | D 924               |                      |                |                |
| - 100°C                                                                   | %                  |                     |                      | 0.30           | <0.1           |
| - 25°C                                                                    | %                  |                     |                      | 0.05           | 0.001          |
| Chemical                                                                  |                    |                     |                      |                |                |
| Oxidation stability                                                       |                    | D 2440              |                      |                |                |
| - 72 h, sludge                                                            | % by mass          |                     |                      | 0.15           | 0.01           |
| - 72 h, total acid number                                                 | mg KOH/g           |                     |                      | 0.5            | 0.03           |
| - 164 h, sludge                                                           | % by mass          |                     |                      | 0.3            | 0.10           |
| - 164 h, total acid number                                                | mg KOH/g           |                     |                      | 0.6            | 0.30           |
| Pressure vessel test                                                      | minutes            | D 2112              |                      |                | 242            |
| Oxidation inhibitor content                                               | % by mass          | D 2668              |                      | 0.08           | ≤0.08          |
| Corrosive sulphur                                                         |                    | D 1275              |                      |                |                |
| - Copper                                                                  |                    |                     |                      | non-corrosive  | non-corrosive  |
| - Silver                                                                  |                    |                     |                      | non-corrosive  | non-corrosive  |
| Water                                                                     | mg/kg              | D 1533              |                      | 35             | <20            |
| Neutralization number                                                     | mg KOH/g           | D 974               |                      | 0.03           | <0.01          |
| Furanic compounds, per compound                                           | µg/L               | D 5837              |                      | 25             | <25            |
| PCB Content                                                               | mg/kg              | D 4059              |                      | not detectable | not detectable |

Nytro Izar I is an insulating oil meeting ASTM D 3487-16 Type I.

\*As per definition given by ASTM D 3487-16 appendix X2.2.1.1, processing involves filtering, dehydration and degassing.

Severely Hydrotreated Insulating Oil  
Issuing date: 2017-10-11





# Nytro Izar II

| PROPIEDADES                             | UNIDADES | METODO<br>ENSAYO ASTM | DATOS GARANTIZADOS |      | VALORES<br>TÍPICOS |
|-----------------------------------------|----------|-----------------------|--------------------|------|--------------------|
| Físicas                                 |          |                       |                    |      |                    |
| Apariencia                              |          | D 1524                | Clear and bright   |      |                    |
| Densidad, 15°C                          | kg/dm³   | D 1298                |                    | 0.91 | 0.881              |
| Viscosidad, 40°C                        | mm²/s    | D 445                 |                    | 12.0 | 9.5                |
| Viscosidad, 100°C                       | mm²/s    | D 445                 |                    | 3.0  | 2.4                |
| Viscosidad, 0°C                         | mm²/s    | D 445                 |                    | 76   | 60                 |
| Punto de inflamación, COC               | °C       | D 92                  | 145                |      | 152                |
| Punto de Fluidez                        | °C       | D 97                  |                    | -40  | -51                |
| Punto de Anilina                        | °C       | D 611                 | 63                 | 84   | 80                 |
| Color                                   |          | D 1500                |                    | 0.5  | <0.5               |
| Tensión interfacial 25°C                | mN /m    | D 971                 | 40                 |      | 47                 |
| Químicas                                |          |                       |                    |      |                    |
| Acidez total                            | mg KOH/g | D 974                 |                    | 0.03 | <0.01              |
| Azufre corrosivo                        |          | D 1275 B              | no corrosivo       |      | no corrosivo       |
| Antioxidante, fenoles                   | Peso %   | D 2668                |                    | 0.3  | ≤0.3               |
| Contenido en agua                       | ppm      | D 1533                |                    | 35   | <20                |
| Contenido en PCB                        | ppm      | D 4059                | no detectable      |      | no detectable      |
| Eléctricas                              |          |                       |                    |      |                    |
| Factor de pérdidas dieléctricas a 100°C | %        | D 924                 |                    | 0.3  | <0.1               |
| Tensión de ruptura                      |          |                       |                    |      |                    |
| - Entregado                             | kV       | D877                  | 30                 |      | 45                 |
| - Entregado                             | kV       | D 1816 (0.08"gap)     | 35                 |      | 42                 |
| - Después de tratamiento                | kV       | D 1816 (0.08"gap)     | 56                 |      | >70                |
| - Por impulsos                          | kV       | D 3300                | 145                |      | >300               |
| Tendencia a la gasificación             | µl /min  | D 2300B               |                    | +30  | +15                |
| Estabilidad a la oxidación              |          |                       |                    |      |                    |
| Después 72 h:                           |          | D 2440                |                    |      |                    |
| Lodos                                   | Peso %   |                       |                    | 0.1  | <0.01              |
| Indice de Acidez                        | mg KOH/g |                       |                    | 0.3  | <0.01              |
| Después 164 h:                          |          |                       |                    |      |                    |
| Lodos                                   | Peso %   |                       |                    | 0.2  | <0.01              |
| Indice de Acidez                        | mg KOH/g |                       |                    | 0.4  | 0.01               |
| Bombas Rotativas                        | minutos  | D 2112                | 195                |      | 276                |

Nytro Izar II es un aceite aislante inhibido, que cumple con la especificación ASTM D 3487 Type II.

Aceite aislante severamente hidrotratado  
Fecha de Expedición: 2010-06-01



# NYTRO® IZAR II



## SAFETY DATA SHEET

|                                 |            |
|---------------------------------|------------|
| Date of printing                | 2018-08-27 |
| Date of issue/ Date of revision | 2018-08-27 |
| Date of previous issue          | 2017-09-07 |
| Version                         | 3          |

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

|                     |                |
|---------------------|----------------|
| Product name        | NYTRO® IZAR II |
| Product description | Insulating oil |
| Product type        | Liquid.        |
| MARPOL Annex 1      | Oils           |

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

| Identified uses                                                                                                                               |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|
| <input checked="" type="checkbox"/> Use in functional fluids - Industrial<br><input type="checkbox"/> Use in functional fluids - Professional |        |
| Uses advised against                                                                                                                          | Reason |
| This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier.    | -      |

### 1.3 Details of the supplier of the safety data sheet

|                                                   |                                                                                                                                                     |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Supplier/Manufacturer                             | Head office:<br>Nynas AB<br>P.O. Box 10700<br>SE-121 29 Stockholm<br>SWEDEN<br>+46 8 602 12 00 (Office hours 8 am - 4.30 pm (CET))<br>www.nynas.com |
| e-mail address of person responsible for this SDS | ProductHSE@nynas.com                                                                                                                                |

### 1.4 Emergency telephone number

|                                                           |                      |
|-----------------------------------------------------------|----------------------|
| Telephone number                                          | +44 (0) 1235 239 670 |
| Hours of operation                                        | 24 hour service      |
| <u>National advisory body/Poison Centre</u>               |                      |
| Telephone number 020 - 99 60 00 (Kemiakuten, 24h service) |                      |

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

|                                                                            |         |
|----------------------------------------------------------------------------|---------|
| Product definition                                                         | Mixture |
| <u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u> |         |
| Asp. Tox. 1, H304                                                          |         |
| Aquatic Chronic 3, H412                                                    |         |

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

## SECTION 2: Hazards identification

## 2.2 Label elements

Hazard pictograms



Signal word

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways.  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

P273 - Avoid release to the environment.

Response

P301 + P310 + P331 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.

Storage

P405 - Store locked up.

Disposal

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements

Not applicable.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

## 2.3 Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

Not applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Not applicable.

## SECTION 3: Composition/information on ingredients

## 3.2 Mixtures

Mixture

| Product/ingredient name                                   | Identifiers                                                                             | %       | <u>Classification</u>                                        | Type    |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------|---------|--------------------------------------------------------------|---------|
|                                                           |                                                                                         |         | Regulation (EC) No. 1272/2008 [CLP]                          |         |
| Distillates (petroleum), hydrotreated light naphthenic    | REACH #:<br>01-2119480375-34<br>EC: 265-156-6<br>CAS: 64742-53-6<br>Index: 649-466-00-2 | 50 - 80 | Asp. Tox. 1, H304                                            | [1]     |
| Distillates (petroleum), hydrotreated light paraffinic    | REACH #:<br>01-2119487077-29<br>EC: 265-158-7<br>CAS: 64742-55-8                        | 20 - 50 | Asp. Tox. 1, H304                                            | [1]     |
| Distillates (petroleum), solvent-refined heavy naphthenic | REACH #:<br>01-2119483621-38<br>EC: 265-097-6<br>CAS: 64741-96-4<br>Index: 649-457-00-3 | 0 - 5   | Asp. Tox. 1, H304                                            | [1]     |
| 2,6-di-tert-butyl-p-cresol                                | REACH #:<br>01-2119555270-46                                                            | <0.4    | Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1) | [1] [2] |

**SECTION 3: Composition/information on ingredients**

|  |                                |  |                                                                      |  |
|--|--------------------------------|--|----------------------------------------------------------------------|--|
|  | EC: 204-881-4<br>CAS: 128-37-0 |  | See Section 16 for the full text of the H statements declared above. |  |
|--|--------------------------------|--|----------------------------------------------------------------------|--|

Regulation (EC) No. 1272/2008 [CLP] Annex VI Nota L applies to the base oil(s) in this product. Nota L - The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

Occupational exposure limits, if available, are listed in Section 8.

**SECTION 4: First aid measures****4.1 Description of first aid measures**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact                | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation, blurred vision or swelling occurs and persists, obtain medical advice from a specialist.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Inhalation                 | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If casualty is unconscious and: If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe. Maintain an open airway.                                                                                                                                                                                                                                                                                                      |
| Skin contact               | Wash with soap and water. Remove contaminated clothing and shoes. Handle with care and dispose of in a safe manner. Seek medical attention if skin irritation, swelling or redness develops and persists.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ingestion                  | <p>Accidental high pressure injection through the skin requires immediate medical attention. Do not wait for symptoms to develop.</p> <p>Always assume that aspiration has occurred. Do not induce vomiting. Can enter lungs and cause damage. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Seek professional medical attention or send the casualty to a hospital. Do not wait for symptoms to develop.</p> <p>Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p> |
| Protection of first-aiders | <p>No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.</p> <p>Before attempting to rescue casualties, isolate area from all potential sources of ignition including disconnecting electrical supply. Ensure adequate ventilation and check that a safe, breathable atmosphere is present before entry into confined spaces.</p>                                                                                                                                                                                                                                             |

**4.2 Most important symptoms and effects, both acute and delayed**Potential acute health effects

|             |                                                                                              |
|-------------|----------------------------------------------------------------------------------------------|
| Eye contact | Eye contact may cause redness and transient pain.                                            |
| Inhalation  | Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation. |

**SECTION 4: First aid measures**

|              |                                                   |
|--------------|---------------------------------------------------|
| Skin contact | No known significant effects or critical hazards. |
| Ingestion    | May be fatal if swallowed and enters airways.     |

**4.3 Indication of any immediate medical attention and special treatment needed**

|                     |                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------|
| Notes to physician  | Due to low viscosity there is a risk of aspiration if the product enters the lungs. Treat symptomatically. |
| Specific treatments | Always assume that aspiration has occurred.                                                                |

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

|                                |                                                                                                                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media   | Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.                                                                                                                                             |
| Unsuitable extinguishing media | Do not use direct water jets on the burning product; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. |

**5.2 Special hazards arising from the substance or mixture**

|                                          |                                                                                                                                                                                                                                                                                        |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazards from the substance or mixture    | In a fire or if heated, a pressure increase will occur and the container may burst. This substance will float and can be reignited on surface water. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
| Hazardous thermal decomposition products | Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates, gases, including carbon monoxide, H <sub>2</sub> S, SO <sub>x</sub> (sulfur oxides) or sulfuric acid and unidentified organic and inorganic compounds.                    |

**5.3 Advice for firefighters**

|                                                |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special precautions for fire-fighters          | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                                                                                                                                                             |
| Special protective equipment for fire-fighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For non-emergency personnel | Avoid breathing vapour or mist. Keep non-involved personnel away from the area of spillage. Alert emergency personnel. Except in case of small spillages, the feasibility of any actions should always be assessed and advised, if possible, by a trained, competent person in charge of managing the emergency. Stop leak if safe to do so. Avoid direct contact with the product. Stay upwind/keep distance from source. In case of large spillages, alert occupants in downwind areas.<br><br>Eliminate all ignition sources if safe to do so. Spillages of limited amounts of product, especially in the open air when vapours will be usually quickly dispersed, are dynamic situations, which will presumably limit the exposure to dangerous concentrations. |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Note : recommended measures are based on the most likely spillage scenarios for this material; however, local conditions (wind, air temperature, wave/current direction and speed) may significantly influence the choice of appropriate actions. For this reason, local experts should be consulted when necessary. Local regulations may also prescribe or limit actions to be taken.

## SECTION 6: Accidental release measures

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For emergency responders                                 | <p>Small spillages: normal antistatic working clothes are usually adequate.</p> <p>Large spillages: full body suit of chemically resistant and thermal resistant material should be used. Work gloves providing adequate chemical resistance, specifically to aromatic hydrocarbons. Note : gloves made of PVA are not water-resistant, and are not suitable for emergency use. Safety helmet, antistatic non-skid safety shoes or boots. Goggles and /or face shield, if splashes or contact with eyes is possible or anticipated.</p> <p>Respiratory protection : A half or full-face respirator with filter(s) for organic vapours (and when applicable for H<sub>2</sub>S) a Self Contained Breathing Apparatus (SCBA) can be used according to the extent of spill and predictable amount of exposure. If the situation cannot be completely assessed, or if an oxygen deficiency is possible, only SCBA's should be used.</p>                                                                                                                                          |
| 6.2 Environmental precautions                            | <p>Water polluting material. May be harmful to the environment if released in large quantities. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Prevent product from entering sewers, rivers or other bodies of water. If necessary dike the product with dry earth, sand or similar non-combustible materials. In case of soil contamination, remove contaminated soil and treat in accordance with local regulations.</p> <p>In case of small spillages in closed waters (i.e. ports), contain product with floating barriers or other equipment. Collect spilled product by absorbing with specific floating absorbents.</p> <p>If possible, large spillages in open waters should be contained with floating barriers or other mechanical means. If this is not possible, control the spreading of the spillage, and collect the product by skimming or other suitable mechanical means. The use of dispersants should be advised by an expert, and, if required, approved by local authorities.</p> |
| 6.3 Methods and material for containment and cleaning up |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Small spill                                              | Stop leak if without risk. Absorb spilled product with suitable non-combustible materials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Large spill                                              | Large spillages may be cautiously covered with foam, if available, to limit vapour cloud formation. Do not use water jet. When inside buildings or confined spaces, ensure adequate ventilation. Transfer collected product and other contaminated materials to suitable containers for recovery or safe disposal. Approach the release from upwind. Contaminated absorbent material may pose the same hazard as the spilt product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 6.4 Reference to other sections                          | <p>See Section 1 for emergency contact information.</p> <p>See Section 8 for information on appropriate personal protective equipment.</p> <p>See Section 13 for additional waste treatment information.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General information               | Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use and store only outdoors or in a well-ventilated area. Hazard of slipping on spilt product. Avoid release to the environment.                                                                                                                                                                                                                                        |
| 7.1 Precautions for safe handling |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protective measures               | <p>Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.</p> <p>Prevent the risk of slipping. Take precautionary measures against static discharge. Avoid splash filling of bulk volumes when handling hot liquid product. Empty containers retain product residue and can be hazardous.</p> |



## SECTION 7: Handling and storage

Avoid release to the environment.

Nota : See Section 8 for information on appropriate personal protective equipment. See section 13 for waste disposal information.

Advice on general occupational hygiene

Ensure that proper housekeeping measures are in place. Contaminated materials should not be allowed to accumulate in the workplaces and should never be kept inside the pockets. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands thoroughly after handling. Change contaminated clothes at the end of working shift. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage area layout, tank design, equipment and operating procedures must comply with the relevant regional, national or local legislation. Storage installations should be designed with adequate bunds in case of leaks or spills. Cleaning, inspection and maintenance of internal structure of storage tanks must be done only by properly equipped and qualified personnel as defined by national, local or company regulations.

Store separately from oxidising agents.

Recommended materials for containers, or container linings use mild steel, stainless steel. Not suitable : Some synthetic materials may be unsuitable for containers or container linings depending on the material specification and intended use. Compatibility should be checked with the manufacturer.

Keep only in the original container or in a suitable container for this kind of product. Keep container tightly closed and sealed until ready for use. Do not store in unlabelled containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Empty containers may contain harmful, flammable/combustible or explosive residue or vapours. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards. Store locked up. Protect from sunlight.

7.3 Specific end use(s)

Recommendations Not available.

Industrial sector specific solutions Not available.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

### Occupational exposure limits

| Product/ingredient name                                   | Exposure limit values                                                                                                                                                                        |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | <b>Work environment authority Regulation 2015:7 (Sweden, 12/2015).</b><br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: mist and fume<br>STEL: 3 mg/m <sup>3</sup> 15 minutes. Form: mist and fume |
| Distillates (petroleum), hydrotreated light paraffinic    | <b>Work environment authority Regulation 2015:7 (Sweden, 12/2015).</b><br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: mist and fume<br>STEL: 3 mg/m <sup>3</sup> 15 minutes. Form: mist and fume |
| Distillates (petroleum), solvent-refined heavy naphthenic | <b>Work environment authority Regulation 2015:7 (Sweden, 12/2015).</b><br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: mist and fume<br>STEL: 3 mg/m <sup>3</sup> 15 minutes. Form: mist and fume |
| Oil mist                                                  | <b>[Air contaminant]</b><br><b>Work environment authority Regulation 2015:7 (Sweden,</b>                                                                                                     |

## SECTION 8: Exposure controls/personal protection

12/2015).

TWA: 1 mg/m<sup>3</sup> 8 hours. Form: mist and fumeSTEL: 3 mg/m<sup>3</sup> 15 minutes. Form: mist and fume

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

## DNELs/DMELs

| Product/ingredient name                                   | Type | Exposure             | Value                  | Population | Effects  |
|-----------------------------------------------------------|------|----------------------|------------------------|------------|----------|
| Distillate (petroleum), hydrotreated light naphthenic     | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup>  | Workers    | Local    |
| Distillates (petroleum), hydrotreated light paraffinic    | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup>  | Workers    | Local    |
|                                                           | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup>  | Workers    | Local    |
| Distillates (petroleum), solvent refined heavy naphthenic | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup>  | Workers    | Local    |
|                                                           | DNEL | Long term Inhalation | 5,4 mg/m <sup>3</sup>  | Workers    | Local    |
| 2,6-Di-tert-butyl-p-cresol                                | DNEL | Long term Inhalation | 5,8 mg/m <sup>3</sup>  | Workers    | Systemic |
|                                                           | DNEL | Long term Inhalation | 1,74 mg/m <sup>3</sup> | Consumers  | Systemic |
|                                                           | DMEL | Long term Dermal     | 8,3 mg/kg bw/day       | Workers    | Systemic |
|                                                           | DMEL | Long term Dermal     | 5 mg/kg bw/day         | Consumers  | Systemic |

## PNECs

| Product/ingredient name    | Compartment Detail     | Value          | Method Detail                               |
|----------------------------|------------------------|----------------|---------------------------------------------|
| 2,6-Di-tert-butyl-p-cresol | Soil                   | 1,04 mg/kg wwt | Equilibrium Partitioning Assessment Factors |
|                            | Sewage Treatment Plant | 100 mg/l       |                                             |
|                            | Sediment               | 1,29 mg/kg wwt | Equilibrium Partitioning Assessment Factors |
|                            | Secondary Poisoning    | 16,7 mg/kg     | Assessment Factors                          |
|                            | Marine water           | 0,4 µg/l       | Assessment Factors                          |
|                            | Fresh water            | 4 µg/l         | Assessment Factors                          |

PNEC Summary

Hydrocarbon Block Method (Petrisk)

## 8.2 Exposure controls

Appropriate engineering controls

Mechanical ventilation and local exhaust will reduce exposure via the air. Use oil resistant material in construction of handling equipment. Store under recommended conditions and if heated, temperature control equipment should be used to avoid overheating.

## Individual protection measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location. Wash contaminated clothing before reuse.

## SECTION 8: Exposure controls/personal protection

|                                 |                                                                                                                                                                                                                                                                                                                      |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection             | Recommended: Safety glasses with side shields.                                                                                                                                                                                                                                                                       |
| <u>Skin protection</u>          |                                                                                                                                                                                                                                                                                                                      |
| Hand protection                 | 4 - 8 hours (breakthrough time): nitrile rubber                                                                                                                                                                                                                                                                      |
| Body protection                 | Wear protective clothing if there is a risk of skin contact. Change contaminated clothes at the end of working shift.                                                                                                                                                                                                |
| Other skin protection           | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.                                                                                                    |
| Respiratory protection          | Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.            |
| Environmental exposure controls | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |

## SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

Appearance

|                                                                         |                                                      |
|-------------------------------------------------------------------------|------------------------------------------------------|
| Physical state                                                          | Liquid.                                              |
| Colour                                                                  | Light yellow                                         |
| Odour                                                                   | Odourless / Light petroleum.                         |
| Odour threshold                                                         | Not applicable.                                      |
| pH                                                                      | Not applicable.                                      |
| Melting point/freezing point                                            | -48°C                                                |
| Initial boiling point and boiling range                                 | >250°C                                               |
| Flash point                                                             | Closed cup: 140°C [Pensky-Martens.]                  |
| Evaporation rate                                                        | Not available.                                       |
| Flammability (solid, gas)                                               | Not available.                                       |
| Upper/lower flammability or explosive limits                            | Not available.                                       |
| Vapour pressure (Calculated)                                            | <0,01 kPa [room temperature]                         |
| Density                                                                 | 0,885 g/cm <sup>3</sup> [15°C]                       |
| Solubility(ies)                                                         | Insoluble in water.                                  |
| Partition coefficient: n-octanol/water                                  | Not available.                                       |
| Auto-ignition temperature                                               | Not available.                                       |
| Decomposition temperature                                               | >280°C                                               |
| Viscosity                                                               | Kinematic (40°C): 0,095 cm <sup>2</sup> /s (9,5 cSt) |
| Explosive properties                                                    | Not available.                                       |
| Oxidising properties                                                    | Not available.                                       |
| DMSO extractable compounds for base oil substance(s) according to IP346 | < 3%                                                 |

## SECTION 10: Stability and reactivity

|                                         |                                                                                                                                                                                                                                                                     |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.1 Reactivity                         | No specific test data related to reactivity available for this product or its ingredients.                                                                                                                                                                          |
| 10.2 Chemical stability                 | Stable under normal conditions.                                                                                                                                                                                                                                     |
| 10.3 Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur.                                                                                                                                                                                     |
| 10.4 Conditions to avoid                | Oxidising agent.                                                                                                                                                                                                                                                    |
| 10.5 Incompatible materials             | Keep away from extreme heat and oxidizing agents.                                                                                                                                                                                                                   |
| 10.6 Hazardous decomposition products   | Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates, gases, including carbon monoxide, H <sub>2</sub> S, SO <sub>x</sub> (sulfur oxides) or sulfuric acid and unidentified organic and inorganic compounds. |

## SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

Acute toxicity

| Product/ingredient name                                   | Result                          | Species            | Dose        | Exposure | Remarks                        |
|-----------------------------------------------------------|---------------------------------|--------------------|-------------|----------|--------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | LC50 Inhalation Dusts and mists | Rat - Male, Female | >5,53 mg/l  | 4 hours  | EMBSI 1988a (similar material) |
|                                                           | LD50 Dermal                     | Rabbit             | >5000 mg/kg | -        | API 1982 (similar material)    |
|                                                           | LD50 Oral                       | Rat                | >5000 mg/kg | -        | API 1986a (similar material)   |
| Distillates (petroleum), hydrotreated light paraffinic    | LC50 Inhalation Dusts and mists | Rat - Male, Female | >5,53 mg/l  | 4 hours  | EMBSI 1988a (similar material) |
|                                                           | LD50 Dermal                     | Rabbit             | >5000 mg/kg | -        | API 1982 (similar material)    |
|                                                           | LD50 Oral                       | Rat                | >5000 mg/kg | -        | API 1986a (similar material)   |
| Distillates (petroleum), solvent-refined heavy naphthenic | LC50 Inhalation Dusts and mists | Rat                | >5,53 mg/l  | 4 hours  | EMBSI 1988a (similar material) |
|                                                           | LD50 Dermal                     | Rabbit             | >5000 mg/kg | -        | API 1982 (similar material)    |
|                                                           | LD50 Oral                       | Rat                | >5000 mg/kg | -        | API 1986a (similar material)   |
| 2,6-di-tert-butyl-p-cresol                                | LD50 Dermal                     | Rat                | >5000 mg/kg | -        | Supplier's information         |
|                                                           | LD50 Oral                       | Rat                | >5000 mg/kg | -        | Supplier's information         |

Conclusion/Summary No known significant effects or critical hazards.

Irritation/Corrosion

| Product/ingredient name                                | Result                             | Species | Score        | Observation    | Remarks                       |
|--------------------------------------------------------|------------------------------------|---------|--------------|----------------|-------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic | Skin - Non-irritant to skin.       | Rabbit  | 0 to 0,8     | 24 to 72 hours | UBTL 1984e (similar material) |
|                                                        | Eyes - Non-irritating to the eyes. | Rabbit  | 0,17 to 0,33 | 24 to 72 hours | UBTL 1984i (similar material) |
| Distillates (petroleum), hydrotreated light paraffinic | Skin - Non-irritant to skin.       | Rabbit  | 0 to 0,8     | 24 to 72 hours | UBTL 1984e (similar material) |
|                                                        | Eyes - Non-irritating to the       | Rabbit  | 0,17 to 0,33 | 24 to 72       | UBTL 1984i                    |

**NYTRO® IZAR II****SECTION 11: Toxicological information**

|                                                           |                                       |        |              |                            |                                                        |
|-----------------------------------------------------------|---------------------------------------|--------|--------------|----------------------------|--------------------------------------------------------|
| Distillates (petroleum), solvent-refined heavy naphthenic | eyes.<br>Skin - Non-irritant to skin. | Rabbit | 0 to 0,8     | hours<br>24 to 72<br>hours | (similar material)<br>UBTL 1984e<br>(similar material) |
| 2,6-di-tert-butyl-p-cresol                                | Eyes - Non-irritating to the eyes.    | Rabbit | 0,17 to 0,33 | 24 to 72<br>hours          | UBTL 1984i<br>(similar material)                       |
|                                                           | Eyes - Redness of the conjunctivae    | Rabbit | 0,5          | -                          | Supplier's<br>information                              |
|                                                           | Eyes - Iris lesion                    | Rabbit | 0            | -                          | Supplier's<br>information                              |
|                                                           | Eyes - Oedema of the conjunctivae     | Rabbit | 0,1          | -                          | -                                                      |

Skin No known significant effects or critical hazards.

Eyes No known significant effects or critical hazards.

Respiratory No known significant effects or critical hazards.

Sensitisation

| Product/ingredient name                                   | Route of exposure | Species    | Result          | Remarks                              |
|-----------------------------------------------------------|-------------------|------------|-----------------|--------------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | skin              | Guinea pig | Not sensitizing | UBTL 1984j,k,l<br>(similar material) |
| Distillates (petroleum), hydrotreated light paraffinic    | skin              | Guinea pig | Not sensitizing | UBTL 1984j,k,l<br>(similar material) |
| Distillates (petroleum), solvent-refined heavy naphthenic | skin              | Guinea pig | Not sensitizing | UBTL 1984j,k,l<br>(similar material) |

Skin No known significant effects or critical hazards.

Respiratory No known significant effects or critical hazards.

Mutagenicity

| Product/ingredient name                                   | Test                                                                    | Experiment                                                                                         | Result   | Remarks                                     |
|-----------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------|---------------------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | OECD 473 473<br>In vitro<br>Mammalian<br>Chromosomal<br>Aberration Test | Experiment: In vitro<br><br>Subject: Mammalian-Animal                                              | Negative | -                                           |
| Distillates (petroleum), hydrotreated light paraffinic    | OECD 473 473<br>In vitro<br>Mammalian<br>Chromosomal<br>Aberration Test | Experiment: In vitro<br><br>Subject: Mammalian-Animal                                              | Negative | -                                           |
| Distillates (petroleum), solvent-refined heavy naphthenic | OECD 473 473<br>In vitro<br>Mammalian<br>Chromosomal<br>Aberration Test | Experiment: In vitro<br><br>Subject: Mammalian-Animal<br>Metabolic activation:<br>Whit and without | Negative | Reference report 1987<br>(similar material) |
| 2,6-di-tert-butyl-p-cresol                                | 476 In vitro<br>Mammalian Cell<br>Gene Mutation                         | Experiment: In vitro                                                                               | Negative | -                                           |

**NYTRO® IZAR II****SECTION 11: Toxicological information**

|  |                                                    |                                                                    |          |   |
|--|----------------------------------------------------|--------------------------------------------------------------------|----------|---|
|  | Test                                               | Subject: Mammalian-Animal<br>Cell: Somatic<br>Experiment: In vitro | Negative | - |
|  | 473 In vitro Mammalian Chromosomal Aberration Test | Subject: Mammalian-Animal<br>Cell: Germ                            |          |   |

Conclusion/Summary No known significant effects or critical hazards.

Carcinogenicity

| Product/ingredient name                                   | Result            | Species        | Dose            | Exposure          | Remarks                                    |
|-----------------------------------------------------------|-------------------|----------------|-----------------|-------------------|--------------------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | Negative - Dermal | Mouse - Female | 0,22 to 0,25 ml | 78 weeks; Various | Doak, 1983, McKee, 1989 (similar material) |
| Distillates (petroleum), hydrotreated light paraffinic    | Negative - Dermal | Mouse - Female | 0,22 to 0,25 ml | 78 weeks; Various | Doak, 1983, McKee, 1989 (similar material) |
| Distillates (petroleum), solvent-refined heavy naphthenic | Negative - Dermal | Mouse - Female | 0,22 to 0,25 ml | 78 weeks; Various | DOAK 1983, McKee 1989 (similar material)   |

Conclusion/Summary The base oil(s) in this product is based on an severely hydrotreated distillate. The product should not be regarded as a carcinogen.

Reproductive toxicity

Conclusion/Summary Not available.

Teratogenicity

| Product/ingredient name                                   | Result            | Species | Dose                      | Exposure | Remarks            |
|-----------------------------------------------------------|-------------------|---------|---------------------------|----------|--------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | Negative - Dermal | Rat     | 0 to 2000 mg/kg mg/kg/day | -        | (similar material) |
| Distillates (petroleum), hydrotreated light paraffinic    | Negative - Dermal | Rat     | 0 to 2000 mg/kg mg/kg/day | -        | -                  |
| Distillates (petroleum), solvent-refined heavy naphthenic | Negative - Dermal | Rat     | 0 to 2000 mg/kg mg/kg/day | -        | -                  |

Conclusion/Summary No known significant effects or critical hazards.

Aspiration hazard

| Product/ingredient name                                   | Result                         |
|-----------------------------------------------------------|--------------------------------|
| Distillates (petroleum), hydrotreated light naphthenic    | ASPIRATION HAZARD - Category 1 |
| Distillates (petroleum), hydrotreated light paraffinic    | ASPIRATION HAZARD - Category 1 |
| Distillates (petroleum), solvent-refined heavy naphthenic | ASPIRATION HAZARD - Category 1 |

Information on likely routes of exposure Not available.

Potential acute health effects

|              |                                                                                              |
|--------------|----------------------------------------------------------------------------------------------|
| Eye contact  | Eye contact may cause redness and transient pain.                                            |
| Inhalation   | Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation. |
| Skin contact | No known significant effects or critical hazards.                                            |
| Ingestion    | May be fatal if swallowed and enters airways.                                                |



## SECTION 11: Toxicological information

## Potential chronic health effects

| Product/ingredient name    | Result             | Species | Dose     | Exposure                 |
|----------------------------|--------------------|---------|----------|--------------------------|
| 2,6-Di-tert-butyl-p-cresol | Chronic NOAEL Oral | Rat     | 25 mg/kg | 28 days; 7 days per week |

|                         |                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| General                 | No known significant effects or critical hazards.                                                                                    |
| Carcinogenicity         | The base oil(s) in this product is based on an severely hydrotreated distillate. The product should not be regarded as a carcinogen. |
| Mutagenicity            | No known significant effects or critical hazards.                                                                                    |
| Teratogenicity          | No known significant effects or critical hazards.                                                                                    |
| Product/ingredient name | No known significant effects or critical hazards.                                                                                    |
| Fertility effects       | No known significant effects or critical hazards.                                                                                    |

Other information Not available.

## Specific hazard

## Aspiration hazard

Aspiration means the entry of a liquid substance directly into the trachea and lower respiratory tract.

Aspiration of hydrocarbon substances can result in severe acute effects such as chemical pneumonitis, varying degree of pulmonary injury or death.

This property relates to the potential for low viscosity material to spread quickly into the deep lung and cause severe pulmonary tissue damage.

Classification of a hydrocarbon substance for aspiration hazard is made on the basis of reliable human evidence or on the basis of physical properties.

## SECTION 12: Ecological information

## 12.1 Toxicity

| Product/ingredient name                                   | Result                  | Species                         | Exposure |
|-----------------------------------------------------------|-------------------------|---------------------------------|----------|
| Distillates (petroleum), hydrotreated light naphthenic    | Acute LL50 >10000 mg/l  | Aquatic invertebrates.          | 96 hours |
|                                                           | Acute LL50 >100 mg/l    | Fish                            | 96 hours |
|                                                           | Acute NOEL >100 mg/l    | Algae                           | 72 hours |
|                                                           | Chronic NOEL 10 mg/l    | Aquatic invertebrates.          | 21 days  |
|                                                           | Acute IC50 >100 mg/l    | Algae                           | 48 hours |
| Distillates (petroleum), hydrotreated light paraffinic    | Acute LC50 >100 mg/l    | Fish                            | 96 hours |
|                                                           | Acute LL50 >10000 mg/l  | Aquatic invertebrates.          | 96 hours |
|                                                           | Acute LL50 >100 mg/l    | Fish                            | 96 hours |
|                                                           | Acute NOEL >100 mg/l    | Algae                           | 72 hours |
|                                                           | Chronic NOEL 10 mg/l    | Aquatic invertebrates.          | 21 days  |
| Distillates (petroleum), solvent-refined heavy naphthenic | Acute LL50 >10000 mg/l  | Aquatic invertebrates.          | 96 hours |
|                                                           | Acute LL50 >100 mg/l    | Fish                            | 96 hours |
|                                                           | Acute LL50 >100 mg/l    | Fish                            | 96 hours |
|                                                           | Acute NOEL 10 mg/l      | Algae                           | 72 hours |
|                                                           | Acute NOEL >100 mg/l    | Algae                           | 72 hours |
| 2,6-di-tert-butyl-p-cresol                                | Chronic NOEL 10 mg/l    | Aquatic invertebrates.          | 21 days  |
|                                                           | Chronic NOEL 10 mg/l    | Aquatic invertebrates.          | 21 days  |
|                                                           | Acute EC50 0,61 mg/l    | Daphnia - Magna                 | 48 hours |
|                                                           | Acute IC50 >0,4 mg/l    | Algae - Desmodesmus Subspicatus | 72 hours |
|                                                           | Chronic NOEC 0,316 mg/l | Daphnia - Magna                 | 21 days  |

Conclusion/Summary Harmful to aquatic life with long lasting effects.

## 12.2 Persistence and degradability

## SECTION 12: Ecological information

| Product/ingredient name    | Test                                                                       | Result          | Dose | Inoculum |
|----------------------------|----------------------------------------------------------------------------|-----------------|------|----------|
| 2,6-di-tert-butyl-p-cresol | OECD 301C<br>301C Ready<br>Biodegradability -<br>Modified MITI<br>Test (I) | 4,5 % - 28 days | -    | -        |

| Product/ingredient name                                         | Aquatic half-life | Photolysis | Biodegradability |
|-----------------------------------------------------------------|-------------------|------------|------------------|
| Distillates (petroleum),<br>hydrotreated light naphthenic       | -                 | -          | Inherent         |
| Distillates (petroleum),<br>hydrotreated light paraffinic       | -                 | -          | Inherent         |
| Distillates (petroleum),<br>solvent-refined heavy<br>naphthenic | -                 | -          | Inherent         |
| 2,6-di-tert-butyl-p-cresol                                      | -                 | -          | Not readily      |

Conclusion/Summary Inherently biodegradable.

## 12.3 Bioaccumulative potential

| Product/ingredient name                                         | LogP <sub>ow</sub> | BCF  | Potential |
|-----------------------------------------------------------------|--------------------|------|-----------|
| Distillates (petroleum),<br>hydrotreated light naphthenic       | 2 to 6             | <500 | low       |
| Distillates (petroleum),<br>hydrotreated light paraffinic       | 2 to 6             | <500 | low       |
| Distillates (petroleum),<br>solvent-refined heavy<br>naphthenic | 2 to 6             | <500 | low       |
| 2,6-di-tert-butyl-p-cresol                                      | 5,1                | >500 | high      |

Conclusion/Summary The product has a potential to bioaccumulate.

## 12.4 Mobility in soil

Mobility High mobility in soil predicted, based on log K<sub>ow</sub> > 3.0.

## 12.5 Results of PBT and vPvB assessment

Not applicable.

Not applicable.

## 12.6 Other adverse effects

Insoluble in water. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

## 13.1 Waste treatment methods

Product

## Methods of disposal

Where possible (e.g. in the absence of relevant contamination), recycling of used substance is feasible and recommended. This substance can be burned or incinerated, subject to national/local authorizations, relevant contamination limits, safety regulations and air quality legislation. Contaminated or waste substance (not directly recyclable): Disposal can be carried out directly, or by delivery to qualified waste handlers. National legislation may identify a specific organization, and/or prescribe composition limits and methods for recovery or disposal.

## Hazardous waste

Yes.

## SECTION 13: Disposal considerations

These codes can be given only as a suggestion, according to the original composition of the product, and its intended (foreseeable) use(s). The final user has the responsibility for the attribution of the most suitable code, according to the actual use(s) of the material, contaminations or alterations.

European waste catalogue (EWC)

| Waste code | Waste designation                                                   |
|------------|---------------------------------------------------------------------|
| 13 03 07*  | mineral-based non-chlorinated insulating and heat transmission oils |

## Packaging

Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

## SECTION 14: Transport information

## International transport regulations

|                                 | ADR/RID        | ADN            | IMO/IMDG Classification | ICAO/IATA Classification |
|---------------------------------|----------------|----------------|-------------------------|--------------------------|
| 14.1 UN number                  | Not regulated. | Not regulated. | Not regulated.          | Not regulated.           |
| 14.2 UN proper shipping name    | -              | -              | -                       | -                        |
| 14.3 Transport hazard class(es) | -              | -              | -                       | -                        |
| 14.4 Packing group              | -              | -              | -                       | -                        |
| 14.5 Environmental hazards      | No.            | No.            | No.                     | No.                      |
| Additional information          | -              | -              | -                       | -                        |

## 14.6 Special precautions for user

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## 14.7 Transport in bulk according to Annex I of MARPOL 73/78 and the IBC Code

Oils

## SECTION 15: Regulatory information

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

## SECTION 15: Regulatory information

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

Other EU regulationsSeveso Directive

This product is not controlled under the Seveso Directive.

International listsNational inventory

|                   |                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Australia         | All components are listed or exempted.                                                                                                         |
| Canada            | All components are listed or exempted.                                                                                                         |
| China             | All components are listed or exempted.                                                                                                         |
| Japan             | <b>Japan inventory (ENCS):</b> All components are listed or exempted.<br><b>Japan inventory (ISHL):</b> All components are listed or exempted. |
| Malaysia          | Not determined.                                                                                                                                |
| New Zealand       | All components are listed or exempted.                                                                                                         |
| Philippines       | All components are listed or exempted.                                                                                                         |
| Republic of Korea | All components are listed or exempted.                                                                                                         |
| Taiwan            | All components are listed or exempted.                                                                                                         |
| United States     | All components are listed or exempted.                                                                                                         |
| Thailand          | Not determined.                                                                                                                                |
| Turkey            | All components are listed or exempted.                                                                                                         |
| Viet Nam          | Not determined.                                                                                                                                |

15.2 Chemical safety assessment

Chemical Safety Assessments for all substances in this product are either Complete or Not applicable.

## SECTION 16: Other information

Revision comments

Not available.

Indicates information that has changed from previously issued version.

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CMR = Carcinogen, Mutagen or Reproductive toxicant

CSA = Chemical Safety Assessment

CO<sub>2</sub> = carbon dioxide

DNEL = Derived No Effect Level

EC50 = Half maximal effective concentration

EUH statement = CLP-specific Hazard statement

IATA = International Air Transport Association

IC50 = Half maximal inhibitory concentration

IMDG = International Maritime Dangerous Goods

LC50 = Median lethal concentration

LD50 = Median lethal dose

PNEC = Predicted No Effect Concentration

PBT = Persistent, Bioaccumulative and Toxic

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]

## SECTION 16: Other information

SCBA = Self-Contained Breathing Apparatus

SVHC = Substances of Very High Concern

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification          | Justification      |
|-------------------------|--------------------|
| Asp. Tox. 1, H304       | Calculation method |
| Aquatic Chronic 3, H412 | Calculation method |

## Sweden

Full text of abbreviated H statements

H304 May be fatal if swallowed and enters airways.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Aquatic Acute 1, H400 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1  
Aquatic Chronic 1, H410 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1  
Aquatic Chronic 3, H412 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3  
Asp. Tox. 1, H304 ASPIRATION HAZARD - Category 1

Date of printing

2018-08-27

Date of issue/ Date of revision

2018-08-27

Date of previous issue

2017-09-07

Version

3

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## Section 1 - Title

|                                                           |                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Short title of the exposure scenario                      | Use in functional fluids - Industrial                                                                                                                                                                                                                                         |
| List of use descriptors                                   | <b>Identified use name:</b> Use in functional fluids - Industrial<br><b>Process Category:</b> PROC01, PROC02, PROC08b, PROC09<br><b>Subsequent service life relevant for that use:</b> No.<br><b>Environmental Release Category:</b> ERC07                                    |
| Environmental contributing scenarios                      | <b>Use of functional fluid at industrial site - ERC07</b>                                                                                                                                                                                                                     |
| Health Contributing scenarios                             | <b>General exposures (closed systems) - PROC02</b><br><b>Bulk transfers - PROC01, PROC02</b><br><b>Storage - PROC01, PROC02</b><br><b>Drum/batch transfers - PROC08b</b><br><b>Filling of articles/equipment - PROC09</b><br><b>Remanufacture of reject articles - PROC09</b> |
| Processes and activities covered by the exposure scenario | Use as functional fluids e.g. cable oils, transfer oils, coolants, insulators, refrigerants, hydraulic fluids in industrial equipment including maintenance and related material transfers.                                                                                   |

## Section 2 - Exposure controls

### 2.1 Control of environmental exposure

|                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Amounts used                                                                                                       | Annual site tonnage (tonnes/year) 10<br>Maximum daily site tonnage (kg/day) 500                                                                                                                                                                                                                                                                                                                                          |
| Frequency and duration of use                                                                                      | Continuous release<br>Emission days (days per year) 20                                                                                                                                                                                                                                                                                                                                                                   |
| Other conditions affecting environmental exposure                                                                  | Release fraction to air from process (initial release prior to RMM) 0.0005<br>Release fraction to wastewater from process (initial release prior to RMM) 1.0E-6<br>Release fraction to soil from process (initial release prior to RMM) 0.001                                                                                                                                                                            |
| <u>Technical on-site conditions and measures to reduce or limit discharges, air emissions and releases to soil</u> | Prevent discharge of undissolved substance to or recover from onsite wastewater. If discharging to domestic sewage treatment plant, no onsite wastewater treatment required.                                                                                                                                                                                                                                             |
| Risk management measures - Air                                                                                     | Treat air emission to provide the required removal efficiency of $\geq 70\%$ .                                                                                                                                                                                                                                                                                                                                           |
| Risk management measures - Water                                                                                   | Treat on-site wastewater (prior to receiving water discharge) to provide the required removal efficiency of 36,6 %.                                                                                                                                                                                                                                                                                                      |
| Organisational measures to prevent/limit release from site                                                         | Do not apply industrial sludge to natural soils. Sewage sludge should be incinerated, contained or reclaimed.                                                                                                                                                                                                                                                                                                            |
| <u>Conditions and measures related to sewage treatment plant</u>                                                   | Estimated substance removal from wastewater via domestic sewage treatment (%) 95.1<br>Total efficiency of removal from wastewater after on-site and off-site (municipal treatment plant) RMMs (%) 95.1<br>Maximum allowable site tonnage ( $M_{\text{Safe}}$ ) based on release following total wastewater treatment removal (kg/day) 6400<br>Assumed on-site sewage treatment plant flow ( $\text{m}^3/\text{d}$ ) 2000 |

### 2.2 Control of worker exposure

#### General measures applicable to all activities

|                               |                                      |
|-------------------------------|--------------------------------------|
| Frequency and duration of use | Covers daily exposures up to 8 hours |
|-------------------------------|--------------------------------------|



## Section 2 - Exposure controls

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Other conditions affecting workers exposure | Assumes a good basic standard of occupational hygiene is implemented Assumes use at not more than 20°C above ambient temperature, unless stated differently. There are no routine anticipated exposures by ingestion related to any supported uses of the substance. The risk arising from aspiration hazard is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific risk. |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Risk management measures (RMM)

Storage - PROC 1, 2  
Store substance within a closed system.

## Section 3 - Exposure estimation and reference to its source

### 3.1 Environment

|                                    |                                                                                                                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure assessment (environment): | The Hydrocarbon Block Method has been used to calculate environmental exposure with the Petrorisk model.<br>Risk Characterisation Ratio (RCR) air 0.009<br>Risk Characterisation Ratio (RCR) water 0.078 |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 3.2 Workers

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure assessment (human):                    | Qualitative approach used to conclude safe use.                                                                                                                                                                                                                                                                                                                                           |
| Exposure estimation and reference to its source | A DNEL (derived no effect levels) cannot be derived. There are no routine anticipated exposures by ingestion related to any supported uses of the substance. The risk arising from aspiration hazard is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific risk. |

## Section 1 - Title

|                                                           |                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Short title of the exposure scenario                      | Use in functional fluids - Professional                                                                                                                                                                                                                                     |
| List of use descriptors                                   | <b>Identified use name:</b> Use in functional fluids - Professional<br><b>Process Category:</b> PROC01, PROC02, PROC08a, PROC20<br><b>Subsequent service life relevant for that use:</b> No.<br><b>Environmental Release Category:</b> ERC09a, ERC09b, ESVOC SpERC 9.13b.v1 |
| Environmental contributing scenarios                      | <b>Widespread use of functional fluid (outdoor) -</b> ERC09b<br><b>Widespread use of functional fluid (indoor) -</b> ERC09a                                                                                                                                                 |
| Health Contributing scenarios                             | <b>Drum/batch transfers -</b> PROC08a<br><b>Operation of equipment containing engine oils and similar -</b> PROC01, PROC02, PROC20<br><b>Equipment cleaning and maintenance -</b> PROC08a<br><b>Storage -</b> PROC01, PROC02                                                |
| Processes and activities covered by the exposure scenario | Use as functional fluids e.g. cable oils, transfer oils, coolants, insulators, refrigerants, hydraulic fluids in industrial equipment including maintenance and related material transfers.                                                                                 |

## Section 2 - Exposure controls

### 2.1 Control of environmental exposure

|                                                   |                                                                                                                                                                                                                                                |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Amounts used                                      | Annual site tonnage (tonnes/year) 0,016<br>Maximum daily site tonnage (kg/day) 0,044                                                                                                                                                           |
| Frequency and duration of use                     | Continuous release<br>Emission days (days per year) 365                                                                                                                                                                                        |
| Other conditions affecting environmental exposure | Release fraction to air from process (initial release prior to RMM) 0.0005<br>Release fraction to wastewater from process (initial release prior to RMM) 0.005<br>Release fraction to soil from process (initial release prior to RMM) <=0.001 |

### 2.2 Control of worker exposure

#### General measures applicable to all activities

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration of substance in mixture or article | Covers percentage substance in the product up to 100% (unless stated differently).                                                                                                                                                                                                                                                                                                                                                                                                                |
| Frequency and duration of use                    | Covers daily exposures up to 8 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Other conditions affecting workers exposure      | Assumes a good basic standard of occupational hygiene is implemented Assumes use at not more than 20°C above ambient temperature, unless stated differently. There are no routine anticipated exposures by ingestion related to any supported uses of the substance. The risk arising from aspiration hazard is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific risk. |

#### Risk management measures (RMM)

|                                                   |                                                               |
|---------------------------------------------------|---------------------------------------------------------------|
| Drum/batch transfers - PROC 8a                    | Use drum pumps.                                               |
| Clean-down and maintenance of equipment - PROC 8a | Drain down system prior to equipment break-in or maintenance. |
| Storage - PROC 1, 2                               | Store substance within a closed system.                       |

## Section 3 - Exposure estimation and reference to its source

## Section 3 - Exposure estimation and reference to its source

### 3.1 Environment

Exposure assessment  
(environment):

The Hydrocarbon Block Method has been used to calculate environmental exposure with the Petrorisk model.

Risk Characterisation Ratio (RCR) air 0.040

Risk Characterisation Ratio (RCR) water 0.453

### 3.2 Workers

Exposure assessment  
(human):

Qualitative approach used to conclude safe use.

Exposure estimation and  
reference to its source

A DNEL (derived no effect levels) cannot be derived. There are no routine anticipated exposures by ingestion related to any supported uses of the substance. The risk arising from aspiration hazard is solely related to the physico-chemical properties of the substance. The risk can therefore be controlled by implementing risk management measures tailored to this specific risk.