# Phase II Environmental Site Assessment

**January 27, 2017**

**Privileged and Confidential Information**
**Disclose only to Authorized Parties**

Conducted at:

**441 Eastern Parkway**
**Farmingdale, NY 11735**

Prepared by:

**Galli Engineering, P.C.**
**35 Pinelawn Road, Suite 209E**
**Melville, NY 11747**

## TABLE OF CONTENTS

**1.0 INTRODUCTION** ..... **2**

**1.1 Purpose** ..... 2

**1.2 Scope of Work** ..... 3

**2.0 SITE ASSESSMENT METHODOLOGY** ..... **4**

**2.1 Soil Sampling** ..... 4

**2.2 Groundwater Sampling** ..... 5

**2.3 Soil Vapor Sampling** ..... 5

**3.0 FIELD SCREENING AND ANALYTICAL RESULTS** ..... **7**

**3.1 Field Screening Results** ..... 7

**3.2 Laboratory Analytical Results** ..... 7

***3.2.1 Soil Sample Analytical Results*** ..... *7*

***3.2.2 Cesspool Analytical Results*** ..... *12*

***3.2.3 Groundwater Sample Analytical Results*** ..... *17*

***3.2.4 Soil Vapor Sample Analytical Results*** ..... *19*

**4.0 CONCLUSIONS AND RECOMMENDATIONS** ..... **21**

## APPENDICES

**Appendix A** **Site Sampling Plan**

**Appendix B** **Laboratory Analytical Reports**

**Appendix C** **Soil Boring Logs**

## 1.0 INTRODUCTION

Galli Engineering, P.C. (Galli) has prepared this Phase II Environmental Site Assessment (ESA) Report of the parcel of property located at 441 Eastern Parkway, Farmingdale, NY 11735; District: 100, Section: 46, Block: 01, Lot: 020, herein identified as the “Subject Property”.

### 1.1 Purpose

This investigation was conducted to sample soil, groundwater and soil vapor at the site and determine if any contamination exists at the property. Specifically, the purpose of the investigation was to assess potential subsurface contamination at the site due to the historical industrial usage.

This Phase II ESA was conducted in accordance with industry practice as defined in the American Society for Testing and Materials (ASTM) Standard: Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process (E 1903-97).

The laboratory results of soil samples collected as part of this investigation have been evaluated based on applicable standards and guidance values promulgated by the New York State Department of Environmental Conservation (NYSDEC) in the Subpart 375-6: “Remedial Program Soil Cleanup Objectives” for soil samples.

The laboratory results of the groundwater samples collected as part of this investigation have been evaluated and assessed in accordance with 6 NYCRR Chapter X, Part 703 “Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations”.

Presented herein are the results of the sampling and analyses performed by Galli Engineering, P.C. as part of the Phase II ESA activities conducted on December 6 and 7, 2016.

## 1.2 Scope of Work

The scope of work developed for this Phase II ESA is as follows:

- Advance ten soil borings across the site to 10' below grade, five temporary wells to groundwater and five soil vapor stations using a *Geoprobe*; and twelve leaching pools using a hand auger.
- Field screening of soil samples collected from the soil borings using a photo ionization detector (PID);
- Collection of ten soil samples for VOCs, SVOCs, Pesticides, PCBs and TAL Metals;
- Collection of five groundwater samples for VOCs, SVOCs, Pesticides, PCBs and TAL Metals;
- Collection of five soil vapor samples for VOCs TO-15;
- Collection of twelve leaching pool samples for VOCs, SVOCs, Pesticides, PCBs and TAL Metals; and
- Prepare a Phase II ESA report describing environmental conditions, field activities, evaluation of findings, and recommendations.

This assessment is limited to the scope of work described above, and to the depths and locations tested as part of this assessment.

## 2.0 SITE ASSESSMENT METHODOLOGY

The Phase II ESA fieldwork was conducted on December 6 and 7, 2016. This work was conducted in accordance with industry practice as defined in the ASTM Standard: Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process (E 1903-97). Galli Engineering contracted Laurel Environmental Services (Laurel) to advance soil borings at the subject property using a *Geoprobe* direct push hydraulic driven probe for soil sample collection.

### 2.1 Soil Sampling

A total of ten soil borings were advanced at the subject property on December 6 and 7, 2016. The soil borings were advanced using a track mounted Geoprobe unit to a depth of approximately ten feet below the land surface (bls), or “refusal”. All the soil boring locations are shown on the Site Sampling Plan provided in Appendix A.

Soil samples taken from the borings were collected using a single-use environmental grade disposable plastic sleeve inserted into the *Geoprobe* soil sampler. Sleeves were cut lengthwise, opened, and soils were screened for the presence of volatile organic vapors (VOC’s) using a broadband photo ionization detector (PID). The PID was zero calibrated prior to screening soil samples at the subject property.

The soil samples were placed in designated sampling containers, then labeled with designated sample identification, date and time of collection, and then requested laboratory analyses. Each soil sample was packed in a secure cooler. The samples were then logged on a chain of custody document by sampling personnel, and remained in the custody of Galli Engineering until transport of the samples to the analytical laboratory via courier. Accredited Analytical Resources, LLC, provided the required analysis.

The soil samples collected from the borings on the subject property were analyzed for the presence of Target List VOC's using EPA Method 8260, Target List SVOC's using EPA Method 8270, TAL Metals, and Pesticides and PCB's using EPA Methods 8081/8082.

## 2.2 Groundwater Sampling

Five temporary wells were installed at the subject property on December 6 and 7, 2016, as shown on the Site Plan, Appendix A. Only four groundwater samples were collected from the site on January 12, 2017. Two of the wells were observed to be damaged. One well, MW-2 (sample GW-2) was destroyed, preventing sample collection. Groundwater samples were collected from approximately 30 feet below grade, using a peristaltic pump with disposable PVC tubing and were placed into four 1-liter amber colored glass jars, three clear 40-milliliter glass vials and a 250-milliliter plastic container.

Groundwater samples were labeled GW-1, GW-3, GW-4 and GW-5. Samples were analyzed for the presence of VOCs by Method 8260, SVOCs by Method 8270, Pesticides/PCBs by Method 8081/8082 and TAL Metals by Method 6010/7470.

## 2.3 Soil Vapor Sampling

Five soil vapor implants set at a depth of approximately four feet were installed using the Geoprobe unit. Only four soil vapor samples were collected due to one of the canisters for sampling was defective, SV-5. The vapor implants were installed with stainless steel implants and dedicated tubing.

Samples were collected in appropriate sized Summa canisters (6-liter) that have been certified clean by the laboratory and samples were analyzed by using USEPA Method TO-15. Flow rate for both purging and sampling did not exceed 0.2 L/min. 2-hours following soil vapor probe installation, one to three implant volumes were purged prior to the collection of any soil-gas samples. A sample log sheet was maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols.

As part of the vapor intrusion evaluation, a tracer gas was used in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. A container served to keep the tracer gas in contact with the probe

during testing. A portable monitoring device was used to analyze a sample of soil vapor for the tracer gas prior to sampling. At the conclusion of the sampling round, tracer monitoring was performed a second time to confirm the integrity of the probe seals.

# 3.0 FIELD SCREENING AND ANALYTICAL RESULTS

## 3.1 Field Screening Results

The field screening measurements for the soil samples collected on December 6 and 7, 2016 were all 0.0 parts per million (ppm). The soil boring locations are identified on the Site Plan provided in Appendix A.

## 3.2 Laboratory Analytical Results

The laboratory results for the samples collected from the subject property are discussed below.

### 3.2.1 Soil Sample Analytical Results

No VOCs were detected above Part 375 Commercial Soil Cleanup Objectives.

One SVOC in SB-7, Benzo(a)pyrene, exceeded the Commercial Soil Cleanup Objective.

No PCBs were detected in any of the ten soil samples.

Pesticides were detected in SB-9 but were below Unrestricted and Commercial Soil Cleanup Objectives.

The heavy metal Lead exceeded Commercial Soil Cleanup Objectives in SB-6.

| SOIL SAMPLE RESULTS | | | | | | | |
|---|---|---|---|---|---|---|---|
| **VOCs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **SB-1 ug/kg** | **SB-2 ug/kg** | **SB-3 ug/kg** | **SB-4 ug/kg** | **SB-5 ug/kg** |
| Acetone | 50 | 500,000 | - | - | - | - | 8.59 |
| n-Butylbenzene | 12,000 | 500,000 | - | - | - | - | 1.12 |
| Carbon Disulfide | n/a | n/a | - | - | - | - | 4.12 |
| Ethylbenzene | 1,000 | 390,000 | - | - | - | - | 2.52 |
| p,m-Xylene | 260 | 500,000 | - | - | - | 3.02 | 2.18 |
| O-Xylene | 260 | 500,000 | - | - | - | - | 4.01 |
| 1,3,5-Trimethylbenzene | 8,400 | 190,000 | - | - | - | - | 1.45 |
| 1,2,4-Trimethylbenzene | 3,600 | 190,000 | - | - | - | 1.76 | - |
| **SVOCs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **SB-1 ug/kg** | **SB-2 ug/kg** | **SB-3 ug/kg** | **SB-4 ug/kg** | **SB-5 ug/kg** |
| Benzo(a)anthracene | 1,000 | 5,600 | - | - | - | - | 113 |
| Benzo(a)pyrene | 1,000 | 1,000 | - | - | - | - | 85.4 |
| Benzo(b)fluoranthene | 1,000 | 5,600 | - | - | - | - | 191 |
| Benzo(ghi)perylene | 100,000 | 500,000 | - | - | - | - | 41.1 |
| Benzo(k)fluoranthene | 800 | 56,000 | - | - | - | - | 68.6 |
| Chrysene | 1,000 | 56,000 | - | - | - | - | 162 |
| Fluoranthene | 100,000 | 500,000 | - | - | - | - | 212 |
| Indeno(1,2,3-cd)pyrene | 500 | 5,600 | - | - | - | - | 39.1 |
| Phenanthrene | 100,000 | 500,000 | - | - | - | - | 99.2 |
| Pyrene | 100,000 | 500,000 | - | - | - | - | 274 |
| **PCBs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **SB-1 ug/kg** | **SB-2 ug/kg** | **SB-3 ug/kg** | **SB-4 ug/kg** | **SB-5 ug/kg** |
| | | | None Detected | | | | |

| Pesticides ug/kg | NYSDEC Part 375 Unrestricted | NYSDEC Part 375 Commercial | SB-1 ug/kg | SB-2 ug/kg | SB-3 ug/kg | SB-4 ug/kg | SB-5 ug/kg |
|---|---|---|---|---|---|---|---|
| | | | None Detected | | | | |
| **TAL Metals mg/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **SB-1 mg/kg** | **SB-2 mg/kg** | **SB-3 mg/kg** | **SB-4 mg/kg** | **SB-5 mg/kg** |
| Aluminum | n/a | n/a | 1,810 | 1,400 | 8,890 | 3,780 | 4,150 |
| Antimony | n/a | n/a | - | - | - | - | 8.07 |
| Arsenic | 13 | 16 | - | - | 2.44 | 1.28 | 3.59 |
| Barium | 350 | 400 | - | - | 19.3 | - | 648 |
| Calcium | n/a | n/a | 46.6 | 34.3 | 115 | 57.2 | 287 |
| Chromium | 30 | 400 | 2.49 | 2.94 | 10.6 | 5.09 | 5.61 |
| Copper | 50 | 270 | 1.82 | - | 5.64 | 2.60 | 14.2 |
| Iron | n/a | n/a | 1,850 | 1,960 | 10,900 | 4,360 | 4,390 |
| Potassium | n/a | n/a | 94.0 | 99.6 | 423 | 157 | 368 |
| Magnesium | n/a | n/a | 230 | 218 | 1,390 | 409 | 689 |
| Manganese | 1,600 | 10,000 | 9.27 | 15.6 | 63.0 | 26.8 | 27.0 |
| Sodium | n/a | n/a | 49.3 | - | 117 | 65.3 | 113 |
| Nickel | 30 | 310 | - | - | 5.05 | - | 3.23 |
| Lead | 63 | 1,000 | 1.80 | 1.49 | 8.45 | 4.00 | 694 |
| Vanadium | n/a | n/a | 3.63 | - | 16.8 | 6.62 | 6.76 |
| Zinc | 109 | 10,000 | 6.14 | - | 35.6 | 8.48 | 165 |
| Mercury | 0.18 | 2.8 | - | - | - | - | 0.138 |
| | | | | | | | |
| **VOCs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **SB-6 ug/kg** | **SB-7 ug/kg** | **SB-8 ug/kg** | **SB-9 ug/kg** | **SB-10 ug/kg** |
| Trichloroethene | 21 | 200 | - | 33.2 | 5.09 | - | 1.88 |
| Tetracholorethene | 19 | 150 | - | 5.04 | - | - | 1.28 |

| SVOCs ug/kg | NYSDEC Part 375 Unrestricted | NYSDEC Part 375 Commercial | SB-6 ug/kg | SB-7 ug/kg | SB-8 ug/kg | SB-9 ug/kg | SB-10 ug/kg |
|---|---|---|---|---|---|---|---|
| Acenaphthene | 20,000 | 500,000 | - | 730 | - | - | - |
| Anthracene | 100,000 | 500,000 | 127 | 1,540 | - | - | 86.2 |
| Benzo(a)anthracene | 1,000 | 5,600 | 614 | 3,300 | - | 117 | 556 |
| bis(2-ethylhexyl)phthalate | n/a | n/a | 50.4 | - | - | 105 | - |
| Benzo(a)pyrene | 1,000 | 1,000 | 815 | **2,620** | - | 130 | 450 |
| Benzo(b)fluoranthene | 1,000 | 5,600 | 1,320 | 3,630 | - | 175 | 709 |
| Benzo(ghi)perylene | 100,000 | 500,000 | 365 | 960 | - | 115 | 130 |
| Benzo(k)fluoranthene | 800 | 56,000 | 437 | 1,270 | - | 55.5 | 201 |
| Chrysene | 1,000 | 56,000 | 623 | 3,210 | - | 136 | 534 |
| Fluoranthene | 100,000 | 500,000 | 745 | 5,950 | - | 134 | 893 |
| Fluorene | 30,000 | 500,000 | 36.9 | 852 | - | - | - |
| Dibenzo(a,h)anthracene | 330 | 560 | 146 | - | - | - | 44.4 |
| Dibenzofuran | n/a | n/a | 39.7 | 609 | - | - | - |
| Indeno(1,2,3-cd)pyrene | 500 | 5,600 | 309 | 981 | - | 85.0 | 133 |
| Naphthalene | 12,000 | 500,000 | - | 967 | - | - | - |
| Phenanthrene | 100,000 | 500,000 | 469 | 6,470 | - | 63.3 | 349 |
| Pyrene | 100,000 | 500,000 | 1,140 | 6,670 | - | 295 | 1,050 |
| **PCBs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **SB-6 ug/kg** | **SB-7 ug/kg** | **SB-8 ug/kg** | **SB-9 ug/kg** | **SB-10 ug/kg** |
| | | | None Detected | | | | |
| **Pesticides ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **SB-6 ug/kg** | **SB-7 ug/kg** | **SB-8 ug/kg** | **SB-9 ug/kg** | **SB-10 ug/kg** |
| Alpha-Chlordane | 4.2 | 24 | - | - | - | 2.48 | - |
| Gamma-Chlordane | n/a | n/a | - | - | - | 2.93 | - |

| TAL Metals mg/kg | NYSDEC Part 375 Unrestricted | NYSDEC Part 375 Commercial | SB-6 mg/kg | SB-7 mg/kg | SB-8 mg/kg | SB-9 mg/kg | SB-10 mg/kg |
|---|---|---|---|---|---|---|---|
| Aluminum | n/a | n/a | 2,830 | 6,180 | 2,130 | 4,900 | 8,550 |
| Antimony | n/a | n/a | 24.1 | 5.43 | - | - | - |
| Arsenic | 13 | 16 | 2.75 | 3.94 | 0.739 | 1.91 | 2.43 |
| Barium | 350 | 400 | 1040 | 117 | - | 30.8 | 19.0 |
| Beryllium | 7.2 | 590 | - | 0.292 | - | - | - |
| Cadmium | 4.3 | 9.3 | 0.698 | 2.35 | - | 0.427 | - |
| Calcium | n/a | n/a | 1,180 | 2,020 | 51.8 | 38,500 | 444 |
| Cobalt | n/a | n/a | - | - | - | 2.96 | 3.84 |
| Chromium | 30 | 400 | 47.1 | 12.4 | 3.27 | 11.1 | 10.0 |
| Copper | 50 | 270 | 668 | 63.6 | 2.26 | 11.2 | 5.44 |
| Iron | n/a | n/a | 6,360 | 15,800 | 3,080 | 6,360 | 9,950 |
| Potassium | n/a | n/a | 244 | 358 | 159 | 328 | 437 |
| Magnesium | n/a | n/a | 758 | 755 | 281 | 8,850 | 1,340 |
| Manganese | 1,600 | 10,000 | 48.7 | 119 | 41.9 | 113 | 82.4 |
| Selenium | 3.9 | 1,500 | - | - | - | 9.17 | - |
| Silver | 2 | 1,500 | - | 5.01 | - | - | - |
| Sodium | n/a | n/a | 84.9 | 52.2 | - | 97.3 | - |
| Nickel | 30 | 310 | 10.2 | 9.39 | - | - | 5.72 |
| Lead | 63 | 1,000 | **1,040** | 80.2 | 1.99 | 21.9 | 6.16 |
| Vanadium | n/a | n/a | 6.83 | 14.1 | 4.02 | 15.4 | 16.7 |
| Zinc | 109 | 10,000 | 229 | 72.1 | 4.24 | 25.7 | 12.8 |
| Mercury | 0.18 | 2.8 | 2.23 | 0.223 | - | - | - |

- Analyte not detected. ug/kg = micrograms per kilogram, mg/kg = milligrams per kilogram, J = Estimated Value

***Samples compared to NYSDEC Part 375 Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives - Commercial soil cleanup objectives. Values highlighted exceed the Part 375 Values for Commercial properties.***

### 3.2.2 Cesspool Analytical Results

VOCs were detected in CP-1, CP-X and CP-12 but were not above Part 375 Unrestricted or Commercial values.

SVOCs in the cesspool samples had exceedances above the Commercial Soil Cleanup Objectives in CP-1, CP-2 and CP-3 for Benzo(a)pyrene. All other SVOCs were below their Commercial Soil Cleanup Objectives.

No PCBs were detected in any of the twelve cesspool samples.

Pesticides were detected in CP1, CP-2, CP-3, CP-4, CP-8, CP-10, CP-X and CP-12 but were below Unrestricted and Commercial values.

TAL Metals in the cesspool samples had exceedances above the Commercial Soil Cleanup Objectives in CP-8 for Cadmium. All other TAL Metals were below their Commercial Soil Cleanup Objectives.

| CESSPOOL SAMPLE RESULTS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **VOCs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **CP-1 ug/kg** | **CP-2 ug/kg** | **CP-3 ug/kg** | **CP-4 ug/kg** | **CP-5 ug/kg** | **CP-6 ug/kg** |
| Toluene | 700 | 500,000 | 1.17 | - | - | - | - | - |
| p,m-Xylene | 260 | 500,000 | 3.29 | - | - | - | - | - |
| 1,2,4-Trimethylbenzene | 3,600 | 190,000 | 1.50 | - | - | - | - | - |
| **SVOCs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **CP-1 ug/kg** | **CP-2 ug/kg** | **CP-3 ug/kg** | **CP-4 ug/kg** | **CP-5 ug/kg** | **CP-6 ug/kg** |
| Acenaphthene | 20,000 | 500,000 | 139 | - | - | - | - | - |
| Anthracene | 100,000 | 500,000 | 234 | - | 201 | - | - | - |
| Benzo(a)anthracene | 1,000 | 5,600 | 1,180 | 2,030 | 1,760 | 172 | 274 | 101 |
| Benzo(a)pyrene | 1,000 | 1,000 | **1,150** | **2,520** | **1,940** | 178 | 351 | 134 |
| Benzo(b)fluoranthene | 1,000 | 5,600 | 1,770 | 5,370 | 3,850 | 260 | 716 | 221 |
| Benzo(ghi)perylene | 100,000 | 500,000 | - | 860 | 597 | 55.6 | 113 | 134 |
| Benzo(k)fluoranthene | 800 | 56,000 | 456 | 1,440 | 1,330 | 100 | 214 | 66.3 |
| Chrysene | 1,000 | 56,000 | 1,260 | 2,770 | 2,320 | 186 | 408 | 154 |
| Fluoranthene | 100,000 | 500,000 | 1,550 | 4,120 | 4,070 | 288 | 557 | 143 |
| Fluorene | 30,000 | 500,000 | 94.2 | - | - | - | - | - |
| Dibenzo(a,h)anthracene | 330 | 560 | 207 | 231 | - | - | - | - |
| Indeno(1,2,3-cd)pyrene | 500 | 5,600 | 625 | 848 | 602 | 57.6 | 117 | 109 |
| Phenanthrene | 100,000 | 500,000 | 1,020 | 1,450 | 1,630 | 120 | 154 | - |
| Pyrene | 100,000 | 500,000 | 3,420 | 4,440 | 4,130 | 290 | 543 | 185 |
| Butylbenzylphthalate | n/a | n/a | 137 | - | - | - | - | - |
| **PCBs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **CP-1 ug/kg** | **CP-2 ug/kg** | **CP-3 ug/kg** | **CP-4 ug/kg** | **CP-5 ug/kg** | **CP-6 ug/kg** |
| | | | None Detected | | | | | |
| **Pesticides ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **CP-1 ug/kg** | **CP-2 ug/kg** | **CP-3 ug/kg** | **CP-4 ug/kg** | **CP-5 ug/kg** | **CP-6 ug/kg** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Alpha-Chlordane | 4.2 | 24 | 6.70 | 4.70 | 5.03 | 2.16 | - | - |
| 4,4'-DDE | 3.3 | 62,000 | - | 5.22 | 1.72 | - | - | - |
| 4,4'-DDT | 3.3 | 47,000 | - | 11.3 | 6.10 | - | - | - |
| Gamma-Chlordane | n/a | n/a | 7.70 | - | 3.62 | 2.45 | - | - |
| **TAL Metals mg/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **CP-1 mg/kg** | **CP-2 mg/kg** | **CP-3 mg/kg** | **CP-4 mg/kg** | **CP-5 mg/kg** | **CP-6 mg/kg** |
| Aluminum | n/a | n/a | 6,170 | 10,700 | 9,160 | 4,450 | 2,670 | 5,500 |
| Arsenic | 13 | 16 | 4.24 | 1.26 | 4.87 | 1.87 | 1.24 | 1.14 |
| Barium | 350 | 400 | 22.4 | 72.7 | 75.8 | 14.4 | 11.7 | 29.2 |
| Beryllium | 7.2 | 590 | - | 0.753 | 0.514 | - | - | 0.343 |
| Cadmium | 4.3 | 9.3 | 0.330 | 0.540 | 1.43 | 0.352 | - | 0.347 |
| Calcium | n/a | n/a | 4,150 | 532 | 2,750 | 2,040 | 248 | 348 |
| Chromium | 30 | 400 | 7.17 | 14.0 | 20.1 | 6.93 | 4.48 | 8.14 |
| Cobalt | n/a | n/a | - | 6.27 | 5.82 | 2.88 | - | 3.20 |
| Copper | 50 | 270 | 8.80 | 11.6 | 33.8 | 5.45 | 3.38 | 7.18 |
| Iron | n/a | n/a | 7,990 | 16,200 | 28,100 | 4,340 | 5,570 | 9,290 |
| Potassium | n/a | n/a | 293 | 910 | 538 | 240 | 167 | 405 |
| Magnesium | n/a | n/a | 2,910 | 1,940 | 2,610 | 1,590 | 490 | 934 |
| Manganese | 1,600 | 10,000 | 129 | 273 | 262 | 135 | 99.8 | 148 |
| Silver | 2 | 1,500 | - | - | 0.872 | - | - | - |
| Sodium | n/a | n/a | 34.2 | - | - | - | - | 44.9 |
| Nickel | 30 | 310 | 7.01 | 15.4 | 21.8 | 6.40 | 4.39 | 5.75 |
| Lead | 63 | 1,000 | 12.4 | 13.7 | 26.0 | 7.16 | 5.40 | 12.9 |
| Vanadium | n/a | n/a | 11.5 | 24.4 | 23.0 | 10.4 | 6.37 | 12.1 |
| Zinc | 109 | 10,000 | 27.5 | 28.3 | 47.7 | 15.9 | 9.38 | 21.5 |
| Mercury | 0.18 | 2.8 | 0.0921 | - | 0.108 | - | - | - |
| | | | | | | | | |

| VOCs ug/kg | NYSDEC Part 375 Unrestricted | NYSDEC Part 375 Commercial | CP-7 ug/kg | CP-8 ug/kg | CP-9 ug/kg | CP-10 ug/kg | CP-X ug/kg | CP-12 ug/kg |
|---|---|---|---|---|---|---|---|---|
| Acetone | 50 | 500,000 | - | - | - | - | - | 4.27 |
| p,m-Xylene | 260 | 500,000 | - | - | - | - | 2.38 | - |
| 1,2,4-Trimethylbenzene | 3,600 | 190,000 | - | - | - | - | 1.65 | - |
| **SVOCs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **CP-7 ug/kg** | **CP-8 ug/kg** | **CP-9 ug/kg** | **CP-10 ug/kg** | **CP-X ug/kg** | **CP-12 ug/kg** |
| Anthracene | 100,000 | 500,000 | - | 350 | - | 249 | - | - |
| Benzo(a)anthracene | 1,000 | 5,600 | - | 3,920 | 88.3 | 2,860 | 333 | 3,640 |
| Benzo(a)pyrene | 1,000 | 1,000 | - | 4,190 | 94.8 | 3,170 | 401 | 3,190 |
| Benzo(b)fluoranthene | 1,000 | 5,600 | - | **8,060** | 172 | **7,460** | 747 | **7,850** |
| Benzo(ghi)perylene | 100,000 | 500,000 | - | 1,100 | 41.4 | 979 | 173 | - |
| Benzo(k)fluoranthene | 800 | 56,000 | - | 2,540 | 56.1 | 1,820 | 232 | 2,900 |
| bis(2-ethylhexyl)phthalate | n/a | n/a | - | 311 | 42.7 | 275 | - | 11,500 |
| Chrysene | 1,000 | 56,000 | - | 4,350 | 96.2 | 4,240 | 465 | 4,980 |
| Fluoranthene | 100,000 | 500,000 | - | 5,280 | 143 | 7,350 | 603 | 5,320 |
| Dibenzo(a,h)anthracene | 330 | 560 | - | 387 | - | 309 | 44.6 | - |
| Indeno(1,2,3-cd)pyrene | 500 | 5,600 | - | 1,090 | 37.1 | 1,030 | 160 | - |
| Phenanthrene | 100,000 | 500,000 | - | 1,100 | 48.7 | 2,810 | 151 | 3,090 |
| Pyrene | 100,000 | 500,000 | - | 6,010 | 210 | 7,600 | 578 | 15,400 |
| **PCBs ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **CP-7 ug/kg** | **CP-8 ug/kg** | **CP-9 ug/kg** | **CP-10 ug/kg** | **CP-X ug/kg** | **CP-12 ug/kg** |
| | | | None Detected | | | | | |
| **Pesticides ug/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **CP-7 ug/kg** | **CP-8 ug/kg** | **CP-9 ug/kg** | **CP-10 ug/kg** | **CP-X ug/kg** | **CP-12 ug/kg** |
| Alpha-Chlordane | 4.2 | 24 | - | - | - | - | 6.32 | - |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Endrin | 14 | 89,000 | - | 20.7 | - | 12.9 | - | - |
| 4,4'-DDE | 3.3 | 62,000 | - | - | - | - | 2.21 | - |
| 4,4'-DDT | 3.3 | 47,000 | - | 4.04 | - | 2.76 | 4.23 | 22.1 |
| Gamma-Chlordane | n/a | n/a | - | - | - | - | 4.26 | - |
| **TAL Metals mg/kg** | **NYSDEC Part 375 Unrestricted** | **NYSDEC Part 375 Commercial** | **CP-7 mg/kg** | **CP-8 mg/kg** | **CP-9 mg/kg** | **CP-10 mg/kg** | **CP-X mg/kg** | **CP-12 mg/kg** |
| Aluminum | n/a | n/a | 2,010 | 2,190 | 4,030 | 1,650 | 10,100 | 8,490 |
| Antimony | n/a | n/a | - | 9.20 | 4.56 | - | - | 67.0 |
| Arsenic | 13 | 16 | - | 1.20 | 5.46 | 1.78 | 2.60 | 7.94 |
| Barium | 350 | 400 | - | 25.4 | 45.4 | 50.1 | 32.6 | 240 |
| Beryllium | 7.2 | 590 | - | 0.316 | - | - | 0.700 | - |
| Cadmium | 4.3 | 9.3 | 0.581 | **24.4** | 0.424 | 0.320 | 0.548 | 4.47 |
| Calcium | n/a | n/a | 153 | 1,820 | 148 | 356 | 716 | 2,820 |
| Chromium | 30 | 400 | 4.38 | 78.9 | 6.90 | 27.4 | 11.9 | 39.9 |
| Cobalt | n/a | n/a | - | 12.4 | 3.79 | 3.53 | 4.71 | 14.5 |
| Copper | 50 | 270 | 9.34 | 532 | 14.2 | 14.6 | 12.1 | 347 |
| Iron | n/a | n/a | 3,170 | 231,000 | 7,590 | 3,900 | 15,500 | 44,400 |
| Potassium | n/a | n/a | 171 | 369 | 225 | 105 | 814 | 287 |
| Magnesium | n/a | n/a | 401 | 730 | 630 | 304 | 1,680 | 2,180 |
| Manganese | 1,600 | 10,000 | 19.0 | 495 | 94.7 | 47.0 | 254 | 226 |
| Silver | 2 | 1,500 | - | - | - | 0.617 | - | - |
| Sodium | n/a | n/a | - | 118 | 118 | 29.3 | 39.6 | 262 |
| Nickel | 30 | 310 | - | 130 | 6.67 | 50.8 | 9.29 | 74.3 |
| Lead | 63 | 1,000 | 6.56 | 70.9 | 29.0 | 136 | 14.3 | 378 |
| Vanadium | n/a | n/a | 4.18 | 20.2 | 9.50 | 6.50 | 21.9 | 34.0 |
| Zinc | 109 | 10,000 | 22.0 | 170 | 32.1 | 257 | 40.7 | 635 |
| Mercury | 0.18 | 2.8 | - | 0.102 | - | - | - | - |

- Analyte not detected. ug/kg = micrograms per kilogram, mg/kg = milligrams per kilogram, J = Estimated Value

***Samples compared to NYSDEC Part 375 Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives - Commercial soil cleanup objectives. Values highlighted exceed the Part 375 Values for Unrestricted or Commercial properties.***

### 3.2.3 Groundwater Sample Analytical Results

Groundwater results were analyzed and assessed in accordance with the 6 NYCRR Chapter X, Part 703 “Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations”.

GW-4 and GW-5 had exceedances of above the NYSDEC Part 703 Groundwater limits for 1,1,1-Trichloroethane. Other VOC’s were detected but were below the Groundwater Quality Standards.

TAL Metals in the groundwater samples had exceedances above the NYSDEC Part 703 Groundwater limits in GW-3, GW-4 and GW-5 for Aluminum and Iron, GW-3 and GW-5 for Lead and GW-5 for Chromium. All other TAL Metals were below the Groundwater Quality Standards.

GW-3, GW-4 and GW-5 had exceedances above the NYSDEC Part 703 Groundwater limits for Pesticide; Dieldrin. Other Pesticides were detected but were below the Groundwater Quality Standards.

No SVOCs were detected in any of the groundwater samples.

No PCBs were detected in any of the groundwater samples.

A summary table of the groundwater analytical data is provided in the table below. The laboratory analytical reports are provided in Appendix C. NYSDEC Ambient Groundwater Limits are used for GW-1 through GW-5.

| Compound | NYSDEC Part 703 Groundwater Limits | GW-1 | GW-3 | GW-4 | GW-5 |
|---|---|---|---|---|---|
| VOCs | ug/L | ug/L | ug/L | ug/L | ug/L |
| 1,1,1-Trichloroethane | 1 | - | - | 2.5 | 2 |
| Tetrachloroethene | 5 | - | - | 1.4 | - |

| SVOCs | NYSDEC Part 703 Groundwater Limits | GW-1 ug/L | GW-3 ug/L | GW-4 ug/L | GW-5 ug/L |
|---|---|---|---|---|---|
| | | No SVOCs detected | | | |
| **PCBs** | **NYSDEC Part 703 Groundwater Limits ug/L** | **GW-1 ug/L** | **GW-3 ug/L** | **GW-4 ug/L** | **GW-5 ug/L** |
| | | No PCBs detected | | | |
| **Pesticides** | **NYSDEC Part 703 Groundwater Limits ug/L** | **GW-1 ug/L** | **GW-3 ug/L** | **GW-4 ug/L** | **GW-5 ug/L** |
| Chlordane | 0.05 | - | - | - | 0.27 |
| Dieldrin | 0.004 | - | 0.031 | 0.024 | 0.008 |
| **TAL METALS** | **NYSDEC Part 703 Groundwater Limits mg/L** | **GW-1 mg/L** | **GW-3 mg/L** | **GW-4 mg/L** | **GW-5 mg/L** |
| Aluminum | 2 | 0.303 | 4.9 | 2.59 | 6.59 |
| Arsenic | 0.05 | 0.005 | 0.005 | 0.005 | 0.005 |
| Barium | 2 | 0.093 | 0.127 | 0.064 | 0.168 |
| Cadmium | 0.01 | - | - | - | 0.002 |
| Calcium | n/a | 14.1 | 13 | 19.6 | 14.2 |
| Cobalt | n/a | - | 0.003 | - | 0.003 |
| Chromium | 0.1 | 0.003 | 0.024 | 0.01 | 0.395 |
| Copper | 0.4 | - | 0.034 | 0.01 | 0.023 |
| Iron | 0.6 | 0.462 | 6.45 | 5.28 | 14.5 |
| Potassium | n/a | 1.9 | 2.6 | 3.1 | 2.3 |
| Magnesium | 35 | 3.64 | 3.83 | 3.66 | 3.14 |
| Manganese | 0.6 | 0.015 | 0.061 | 0.031 | 0.112 |
| Silver | 0.1 | 0.003 | - | - | - |
| Sodium | n/a | 24 | 33 | 30 | 17.3 |
| Nickel | 0.2 | 0.003 | 0.008 | 0.005 | 0.01 |
| Lead | 0.05 | 0.003 | 0.236 | - | 0.09 |
| Vanadium | n/a | - | 0.009 | 0.006 | 0.01 |
| Zinc | 5 | 0.026 | 0.077 | 0.013 | 0.051 |

- Analyte not detected. ug/L = micrograms per liter, mg/L = milligrams per liter

***Values in bold exceed the NYSDEC ambient groundwater limits.***

### 3.2.4 Soil Vapor Sample Analytical Results

Soil Vapor results were analyzed for VOCs by EPA method TO-15. The samples were obtained using 6-Liter Stainless Steel canisters with 2-hour flow controllers. The investigation was completed in accordance with applicable guidelines in the New York State Department of Health (NYSDOH), "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (NYSDOH Guidance Document), dated October 2006.

A summary table of the soil vapor analytical data is provided in the table below. The laboratory analytical reports are provided in Appendix C. NYSDOH Soil Vapor Intrusion Guidance, Table 3.1 Air Guideline Values are used for SV-1 through SV-4.

| Soil Vapor | NYSDOH Guidance Value | SV1 | SV2 | SV3 | SV4 |
|---|---|---|---|---|---|
| **Compound** | **mcg/m3** | **mcg/m3** | **mcg/m3** | **mcg/m3** | **mcg/m3** |
| 1,1,1,2-Tetrachloroethane | n/a | - | - | 1.05 | - |
| 1,1,1-Trichloroethane | n/a | 5.62 | 8.02 | 3110 | 323 |
| 1,1,2-Trichloroethane | n/a | - | - | 25.2 | - |
| 1,1-Dichloroethene | n/a | - | - | 45.7 | 1.56 |
| 1,2,4-Trimethylbenzene | n/a | 11.5 | 18.8 | 14 | 14 |
| 1,3,5-Trimethylbenzene | n/a | 3.58 | 10.3 | 4.21 | 4.25 |
| 2-Hexanone(MBK) | n/a | 12 | - | 25.1 | 23.9 |
| 4-Ethyltoluene | n/a | 3.12 | 5.5 | 3.55 | 3.38 |
| 4-Isopropyltoluene | n/a | - | 2.2 | - | - |
| 4-Methyl-2-pentanone(MIBK) | n/a | - | 37.4 | 34.1 | 29.7 |
| Acetone | n/a | 11.6 | 44.2 | 70.3 | 34.9 |
| Benzene | n/a | 2.35 | 9.42 | 16.9 | 7.31 |
| Carbon Disulfide | n/a | - | 3.33 | 2.83 | 1.3 |
| Carbon Tetrachloride | n/a | 0.34 | 0.33 | 57.2 | 6.35 |
| Chloroform | n/a | - | 1.46 | 136 | 7.61 |
| Cis-1,2-Dichloroethene | n/a | - | - | 16.8 | - |
| Cyclohexane | n/a | - | 51.6 | - | - |
| Dibromochloromethane | n/a | - | - | 1.92 | 3.04 |
| Dichlorodifluoromethane | n/a | 2.41 | 2.16 | 2.31 | 2.19 |
| Ethanol | n/a | 6.42 | 10.3 | 26.7 | 12.1 |
| Ethylbenzene | n/a | 11.3 | 15.6 | 15.1 | 14.4 |
| Heptane | n/a | 1.84 | 12.3 | 3.26 | 3.64 |

| | | | | | |
|---|---|---|---|---|---|
| Hexane | n/a | 2.46 | 6.52 | 4.05 | 5.14 |
| Isopropylalcohol | n/a | - | 2.28 | 3.68 | 1.37 |
| Isopropylbenzene | n/a | - | 5.6 | - | - |
| m,p-Xylene | n/a | 49 | 63.8 | 63.8 | 61.2 |
| Methyl Ethyl Ketone | n/a | 93.4 | 99.6 | 155 | 200 |
| Methylene Chloride | 60 | 1.59 | 2.42 | 2.54 | 2.44 |
| n-Butylbenzene | n/a | 1.15 | 1.56 | 1.43 | 1.32 |
| o-Xylene | n/a | 13.3 | 24.9 | 17.6 | 17.3 |
| Propylene | n/a | 21.8 | 78.9 | 69.3 | 56.1 |
| Tetrachloroethene | 100 | 1.04 | 1.11 | **3,440** | **418** |
| Tetrahydrofuran | n/a | - | 1.79 | 2.15 | 1.55 |
| Toluene | n/a | 11.2 | 16.9 | 23.4 | 17.4 |
| Trans-1,2-Dichloroethene | n/a | - | - | 3.8 | - |
| Trichloroethene | 5 | **6.93** | - | **24,800** | **548** |
| Trichlorofluoromethane | n/a | 1.09 | 1.39 | 1.3 | 1.46 |
| Trichlorotrifluoroethane | n/a | - | - | 1.51 | 1.06 |

SV3 and SV4 had exceedances above the NYSDOH Soil Vapor Intrusion Guidance Table 3.1 Air Guideline Values for Tetrachloroethene. SV1, SV3 and SV4 had exceedances for Trichloroethene. Other VOCs were detected but were below the limits.

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

Galli Engineering, P.C. has prepared this Phase II Environmental Site Assessment (ESA) Report on behalf of the client, Silver Star NY to determine if the past and current use of subject property has impacted the environmental quality of the soil and groundwater at the subject property.

Based on the analytical data, Galli Engineering concludes the following:

- VOCs were detected in soil samples were below the Part 375 Commercial Soil Cleanup Objective. No VOCs were identified above Part 375 Commercial Soil Cleanup Objective in any of the soil samples.

- One SVOC in SB-7, Benzo(a)pyrene, exceeded the Commercial Soil Cleanup Objective.

- No PCBs were detected in any of the soil samples. Pesticides were detected in SB-9 but were below Unrestricted and Commercial Soil Cleanup Objectives.

- TAL metals were detected in all ten soil samples but only Lead was detected above Commercial Soil Cleanup Objectives in SB-6.

- VOCs were detected in cesspool samples CP-1, CP-X and CP-12 but were not above Part 375 Unrestricted or Commercial values. SVOCs in the cesspool samples had exceedances above the Commercial Soil Cleanup Objectives in CP-1, CP-2 and CP-3 for Benzo(a)pyrene. All other SVOCs were below their Commercial Soil Cleanup Objectives. No PCBs were detected in any of the twelve cesspool samples. Pesticides were detected in CP1-4, CP-8, CP-10 CP-X and CP-12 but were below Unrestricted and Commercial values. TAL metals were detected in all twelve cesspools but were not above Part 375 Unrestricted or Commercial values.

- Groundwater samples GW-4 and GW-5 had exceedances of above the NYSDEC Part 703 Groundwater limits for 1,1,1-Trichloroethane. Other VOCs

were detected but were below the groundwater limits. TAL Metals in the groundwater samples had exceedances above the NYSDEC Part 703 Groundwater limits in GW-3, GW-4 and GW-5 for Aluminum and Iron, GW-3 and GW-5 for Lead and GW-5 for Chromium. All other TAL Metals were below the Groundwater limits. GW-3, GW-4 and GW-5 had exceedances above the NYSDEC Part 703 Groundwater limits for Pesticide; Dieldrin. Other Pesticides were detected but were below the groundwater limits. No SVOCs were detected in any of the groundwater samples. No PCBs were detected in any of the groundwater samples.

- Soil Vapor samples SV-3 and SV-4 had exceedances above the NYSDOH Soil Vapor Intrusion Guidance Table 3.1 Air Guideline Values for Tetrachloroethene. SV-1, SV-3 and SV-4 had exceedances for Trichloroethene. Other VOC's were detected but were below the limits.

Soil contamination was limited to areas SB-6 and SB-7. The heavy metal Lead exceeded the Commercial Soil Cleanup Objective in SB-6. Benzo(a)pyrene exceeded the Commercial Soil Cleanup Objective in SB-7, this compound is a Polycyclic Aromatic Hydrocarbon (PAH).

Groundwater contamination occurred in GW-3, GW-4 and GW-5 which were collected from the central and western portions of the site, which included VOCs, Pesticides and Heavy Metals. Depth to groundwater was approximately 30 feet across the entire site.

The area of SV-3 had exceedances of Tetrachloroethene and Trichloroethene. Groundwater from this location had exceedances of 1,1,1-Trichloroethane. These chemicals are industrial solvents.

The impacted soil to be excavated for construction activities would require transport to an appropriate disposal or treatment facility, specifically in locations SB-6 and SB-7.

Impacted cesspools 1, 2, 3, 8, 10 and 12 should be pumped out and remediated.

**GALLI ENGINEERING, P.C.**

1/27/17

Richard D. Galli, P.E.
President

Date

# Appendix A

# Site Sampling Plan

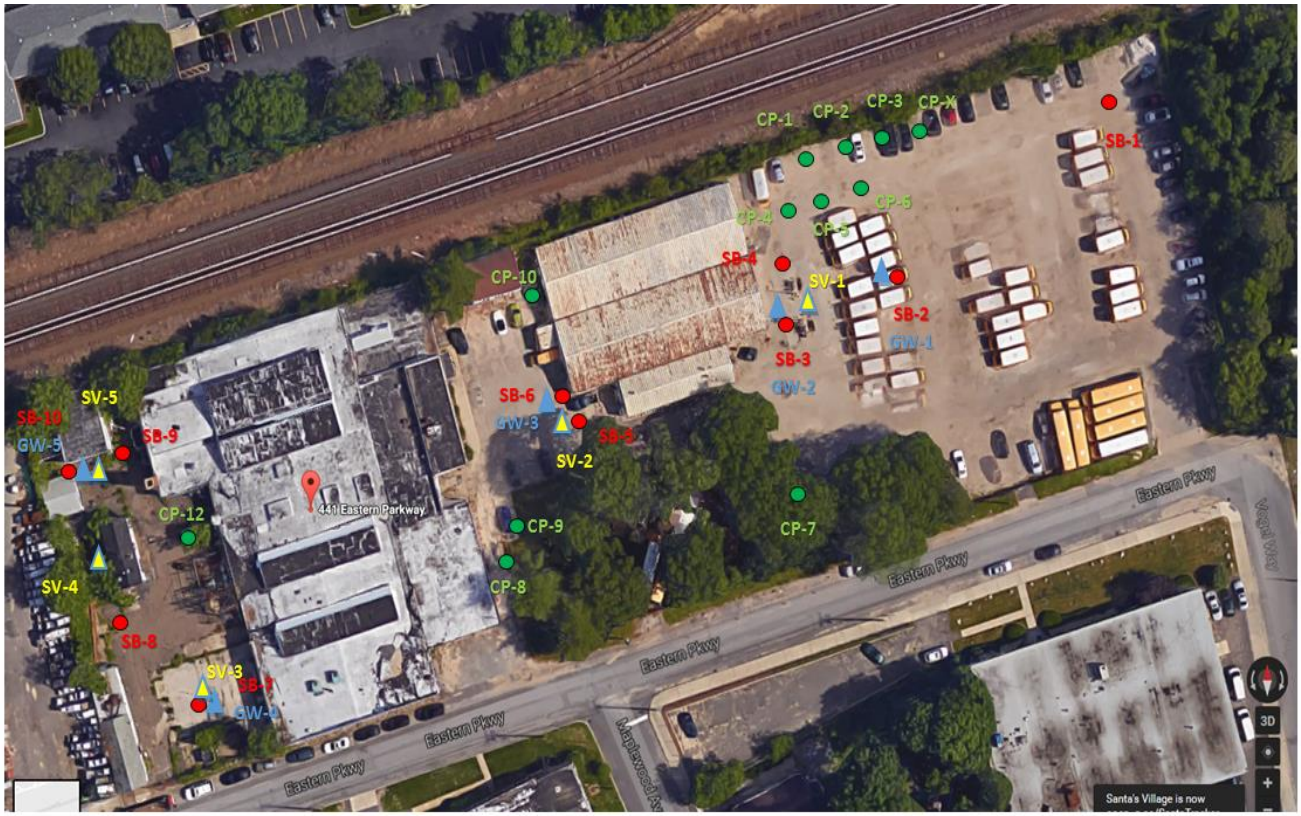


*Figure 1 Red- Soil Boring; Blue – GW; Yellow - Soil Gas; Green - Drain/Septic*

# Appendix B

# Laboratory Analytical Reports

PHOENIX
Environmental Laboratories, Inc.

**Wednesday, December 14, 2016**

**Attn: Mr. Scott Davidow**
**Galli Engineering, P.C.**
**35 Pinelawn Road Suite 209E**
**Melville, NY 11747**

**Project ID:**
**Sample ID#s: BX01824 - BX01827**

**This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.**

**This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.**

**A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.**

**If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.**

**Sincerely yours,**

**Phyllis Shiller**
**Laboratory Director**

**NELAC - #NY11301**
**CT Lab Registration #PH-0618**
**MA Lab Registration #MA-CT-007**
**ME Lab Registration #CT-007**
**NH Lab Registration #213693-A,B**
**NJ Lab Registration #CT-003**
**NY Lab Registration #11301**
**PA Lab Registration #68-03530**
**RI Lab Registration #63**
**VT Lab Registration #VT11301**

**587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040**
**Telephone (860) 645-1102 Fax (860) 645-0823**

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

December 14, 2016

FOR: Attn: Mr. Scott Davidow
Galli Engineering, P.C.
35 Pinelawn Road Suite 209E
Melville, NY 11747

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | AIR | Collected by: | | 12/07/16 | 10:53 |
| Location Code: | GALLI-ENG | Received by: | LB | 12/08/16 | 16:01 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |
| Canister Id: | 21362 | | | | |

## Laboratory Data

SDG ID: GBX01824
Phoenix ID: BX01824

Project ID:
Client ID: SV3

| Parameter | ppbv Result | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution | |
|---|---|---|---|---|---|---|---|---|
| **Volatiles (TO15)** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.153 | *0.146* | 1.05 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 1,1,1-Trichloroethane | 571 | *5.50* | 3110 | *30.0* | 12/09/16 | KCA | 30 | |
| 1,1,2,2-Tetrachloroethane | ND | *0.146* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1,2-Trichloroethane | 4.63 | *0.183* | 25.2 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1-Dichloroethane | 11.3 | *0.247* | 45.7 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1-Dichloroethene | 4.27 | *0.252* | 16.9 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2,4-Trichlorobenzene | ND | *0.135* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2,4-Trimethylbenzene | 2.85 | *0.204* | 14.0 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dibromoethane(EDB) | ND | *0.130* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dichloroethane | ND | *0.247* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-dichloropropane | ND | *0.217* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dichlorotetrafluoroethane | ND | *0.143* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,3,5-Trimethylbenzene | 0.857 | *0.204* | 4.21 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,3-Butadiene | ND | *0.452* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,3-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,4-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,4-Dioxane | ND | *0.278* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 2-Hexanone(MBK) | 6.12 | *0.244* | 25.1 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 4-Ethyltoluene | 0.722 | *0.204* | 3.55 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 4-Isopropyltoluene | ND | *0.182* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 4-Methyl-2-pentanone(MIBK) | 8.33 | *0.244* | 34.1 | *1.00* | 12/08/16 | KCA | 1 | |
| Acetone | 29.6 | *0.421* | 70.3 | *1.00* | 12/08/16 | KCA | 1 | |
| Acrylonitrile | ND | *0.461* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Benzene | 5.30 | *0.313* | 16.9 | *1.00* | 12/08/16 | KCA | 1 | |
| Benzyl chloride | ND | *0.193* | ND | *1.00* | 12/08/16 | KCA | 1 | |

Project ID:
Client ID: SV3

Phoenix I.D.: BX01824

| Parameter | ppbv Result | | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution | |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | *0.149* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Bromoform | ND | | *0.097* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Bromomethane | ND | | *0.258* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Carbon Disulfide | 0.910 | | *0.321* | 2.83 | *1.00* | 12/08/16 | KCA | 1 | |
| Carbon Tetrachloride | 9.10 | | *0.040* | 57.2 | *0.25* | 12/08/16 | KCA | 1 | |
| Chlorobenzene | ND | | *0.217* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Chloroethane | ND | | *0.379* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Chloroform | 27.8 | | *0.205* | 136 | *1.00* | 12/08/16 | KCA | 1 | |
| Chloromethane | ND | | *0.485* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Cis-1,2-Dichloroethene | 4.25 | | *0.252* | 16.8 | *1.00* | 12/08/16 | KCA | 1 | |
| cis-1,3-Dichloropropene | ND | | *0.221* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Cyclohexane | ND | | *0.291* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Dibromochloromethane | 0.225 | | *0.118* | 1.92 | *1.00* | 12/08/16 | KCA | 1 | |
| Dichlorodifluoromethane | 0.470 | | *0.202* | 2.32 | *1.00* | 12/08/16 | KCA | 1 | |
| Ethanol | 14.2 | | *0.531* | 26.7 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| Ethyl acetate | ND | | *0.278* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| Ethylbenzene | 3.49 | | *0.230* | 15.1 | *1.00* | 12/08/16 | KCA | 1 | |
| Heptane | 0.795 | | *0.244* | 3.26 | *1.00* | 12/08/16 | KCA | 1 | |
| Hexachlorobutadiene | ND | | *0.094* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Hexane | 1.15 | S | *0.284* | 4.05 | *1.00* | 12/08/16 | KCA | 1 | |
| Isopropylalcohol | 1.50 | | *0.407* | 3.68 | *1.00* | 12/08/16 | KCA | 1 | |
| Isopropylbenzene | ND | | *0.204* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| m,p-Xylene | 14.7 | | *0.230* | 63.8 | *1.00* | 12/08/16 | KCA | 1 | |
| Methyl Ethyl Ketone | 52.7 | | *10.2* | 155 | *30.1* | 12/09/16 | KCA | 30 | |
| Methyl tert-butyl ether(MTBE) | ND | | *0.278* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Methylene Chloride | 0.731 | S | *0.288* | 2.54 | *1.00* | 12/08/16 | KCA | 1 | |
| n-Butylbenzene | 0.260 | | *0.182* | 1.43 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| o-Xylene | 4.06 | | *0.230* | 17.6 | *1.00* | 12/08/16 | KCA | 1 | |
| Propylene | 40.3 | | *17.4* | 69.3 | *29.9* | 12/09/16 | KCA | 30 | 1 |
| sec-Butylbenzene | ND | | *0.182* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| Styrene | ND | | *0.235* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Tetrachloroethene | 508 | | *1.11* | 3440 | *7.52* | 12/09/16 | KCA | 30 | |
| Tetrahydrofuran | 0.729 | | *0.339* | 2.15 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| Toluene | 6.20 | | *0.266* | 23.4 | *1.00* | 12/08/16 | KCA | 1 | |
| Trans-1,2-Dichloroethene | 0.959 | | *0.252* | 3.80 | *1.00* | 12/08/16 | KCA | 1 | |
| trans-1,3-Dichloropropene | ND | | *0.221* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Trichloroethene | 4610 | | *6.98* | 24800 | *37.5* | 12/09/16 | KCA | 150 | |
| Trichlorofluoromethane | 0.232 | | *0.178* | 1.30 | *1.00* | 12/08/16 | KCA | 1 | |
| Trichlorotrifluoroethane | 0.197 | | *0.131* | 1.51 | *1.00* | 12/08/16 | KCA | 1 | |
| Vinyl Chloride | ND | | *0.098* | ND | *0.25* | 12/08/16 | KCA | 1 | |
| **QA/QC Surrogates** | | | | | | | | | |
| % Bromofluorobenzene | 103 | | *%* | 103 | *%* | 12/08/16 | KCA | 1 | |

Project ID:
Client ID: SV3

Phoenix I.D.: BX01824

| Parameter | ppbv Result | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**December 14, 2016**

**Reviewed and Released by: Sarah Bell, Project Manager**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

December 14, 2016

FOR: Attn: Mr. Scott Davidow
Galli Engineering, P.C.
35 Pinelawn Road Suite 209E
Melville, NY 11747

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | AIR | Collected by: | | 12/07/16 | 11:58 |
| Location Code: | GALLI-ENG | Received by: | LB | 12/08/16 | 16:01 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |
| Canister Id: | 21359 | | | | |

## Laboratory Data

SDG ID: GBX01824
Phoenix ID: BX01825

Project ID:
Client ID: SV2

| Parameter | ppbv Result | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution | |
|---|---|---|---|---|---|---|---|---|
| **Volatiles (TO15)** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | *0.146* | ND | *1.00* | 12/09/16 | KCA | 1 | 1 |
| 1,1,1-Trichloroethane | 1.47 | *0.183* | 8.02 | *1.00* | 12/09/16 | KCA | 1 | |
| 1,1,2,2-Tetrachloroethane | ND | *0.146* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,1,2-Trichloroethane | ND | *0.183* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,1-Dichloroethane | ND | *0.247* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,1-Dichloroethene | ND | *0.252* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,2,4-Trichlorobenzene | ND | *0.135* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,2,4-Trimethylbenzene | 3.83 | *0.204* | 18.8 | *1.00* | 12/09/16 | KCA | 1 | |
| 1,2-Dibromoethane(EDB) | ND | *0.130* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,2-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,2-Dichloroethane | ND | *0.247* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,2-dichloropropane | ND | *0.217* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,2-Dichlorotetrafluoroethane | ND | *0.143* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,3,5-Trimethylbenzene | 2.09 | *0.204* | 10.3 | *1.00* | 12/09/16 | KCA | 1 | |
| 1,3-Butadiene | ND | *0.452* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,3-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,4-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 1,4-Dioxane | ND | *0.278* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| 2-Hexanone(MBK) | ND | *0.244* | ND | *1.00* | 12/09/16 | KCA | 1 | 1 |
| 4-Ethyltoluene | 1.12 | *0.204* | 5.50 | *1.00* | 12/09/16 | KCA | 1 | 1 |
| 4-Isopropyltoluene | 0.401 | *0.182* | 2.20 | *1.00* | 12/09/16 | KCA | 1 | 1 |
| 4-Methyl-2-pentanone(MIBK) | 9.13 | *0.244* | 37.4 | *1.00* | 12/09/16 | KCA | 1 | |
| Acetone | 18.6 | *0.421* | 44.2 | *1.00* | 12/09/16 | KCA | 1 | |
| Acrylonitrile | ND | *0.461* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Benzene | 2.95 | *0.313* | 9.42 | *1.00* | 12/09/16 | KCA | 1 | |
| Benzyl chloride | ND | *0.193* | ND | *1.00* | 12/09/16 | KCA | 1 | |

Project ID:
Client ID: SV2

Phoenix I.D.: BX01825

| Parameter | ppbv Result | | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution | |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | *0.149* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Bromoform | ND | | *0.097* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Bromomethane | ND | | *0.258* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Carbon Disulfide | 1.07 | | *0.321* | 3.33 | *1.00* | 12/09/16 | KCA | 1 | |
| Carbon Tetrachloride | 0.053 | | *0.040* | 0.33 | *0.25* | 12/09/16 | KCA | 1 | |
| Chlorobenzene | ND | | *0.217* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Chloroethane | ND | | *0.379* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Chloroform | 0.300 | | *0.205* | 1.46 | *1.00* | 12/09/16 | KCA | 1 | |
| Chloromethane | ND | | *0.485* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Cis-1,2-Dichloroethene | ND | | *0.252* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| cis-1,3-Dichloropropene | ND | | *0.221* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Cyclohexane | 15.0 | | *0.291* | 51.6 | *1.00* | 12/09/16 | KCA | 1 | |
| Dibromochloromethane | ND | | *0.118* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Dichlorodifluoromethane | 0.437 | | *0.202* | 2.16 | *1.00* | 12/09/16 | KCA | 1 | |
| Ethanol | 5.47 | | *0.531* | 10.3 | *1.00* | 12/09/16 | KCA | 1 | 1 |
| Ethyl acetate | ND | | *0.278* | ND | *1.00* | 12/09/16 | KCA | 1 | 1 |
| Ethylbenzene | 3.60 | | *0.230* | 15.6 | *1.00* | 12/09/16 | KCA | 1 | |
| Heptane | 3.01 | | *0.244* | 12.3 | *1.00* | 12/09/16 | KCA | 1 | |
| Hexachlorobutadiene | ND | | *0.094* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Hexane | 1.85 | S | *0.284* | 6.52 | *1.00* | 12/09/16 | KCA | 1 | |
| Isopropylalcohol | 0.929 | | *0.407* | 2.28 | *1.00* | 12/09/16 | KCA | 1 | |
| Isopropylbenzene | 1.14 | | *0.204* | 5.60 | *1.00* | 12/09/16 | KCA | 1 | |
| m,p-Xylene | 14.7 | | *0.230* | 63.8 | *1.00* | 12/09/16 | KCA | 1 | |
| Methyl Ethyl Ketone | 33.8 | | *0.339* | 100 | *1.00* | 12/09/16 | KCA | 1 | |
| Methyl tert-butyl ether(MTBE) | ND | | *0.278* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Methylene Chloride | 0.698 | S | *0.288* | 2.42 | *1.00* | 12/09/16 | KCA | 1 | |
| n-Butylbenzene | 0.284 | | *0.182* | 1.56 | *1.00* | 12/09/16 | KCA | 1 | 1 |
| o-Xylene | 5.73 | | *0.230* | 24.9 | *1.00* | 12/09/16 | KCA | 1 | |
| Propylene | 45.9 | | *1.16* | 78.9 | *2.00* | 12/09/16 | KCA | 2 | 1 |
| sec-Butylbenzene | ND | | *0.182* | ND | *1.00* | 12/09/16 | KCA | 1 | 1 |
| Styrene | ND | | *0.235* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Tetrachloroethene | 0.164 | | *0.037* | 1.11 | *0.25* | 12/09/16 | KCA | 1 | |
| Tetrahydrofuran | 0.608 | | *0.339* | 1.79 | *1.00* | 12/09/16 | KCA | 1 | 1 |
| Toluene | 4.48 | | *0.266* | 16.9 | *1.00* | 12/09/16 | KCA | 1 | |
| Trans-1,2-Dichloroethene | ND | | *0.252* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| trans-1,3-Dichloropropene | ND | | *0.221* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Trichloroethene | ND | | *0.047* | ND | *0.25* | 12/09/16 | KCA | 1 | |
| Trichlorofluoromethane | 0.247 | | *0.178* | 1.39 | *1.00* | 12/09/16 | KCA | 1 | |
| Trichlorotrifluoroethane | ND | | *0.131* | ND | *1.00* | 12/09/16 | KCA | 1 | |
| Vinyl Chloride | ND | | *0.098* | ND | *0.25* | 12/09/16 | KCA | 1 | |
| **QA/QC Surrogates** | | | | | | | | | |
| % Bromofluorobenzene | 122 | | *%* | 122 | *%* | 12/09/16 | KCA | 1 | |

Project ID:
Client ID: SV2

Phoenix I.D.: BX01825

| Parameter | ppbv Result | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**December 14, 2016**

**Reviewed and Released by: Sarah Bell, Project Manager**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

December 14, 2016

FOR: Attn: Mr. Scott Davidow
Galli Engineering, P.C.
35 Pinelawn Road Suite 209E
Melville, NY 11747

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | AIR | Collected by: | | 12/07/16 | 11:07 |
| Location Code: | GALLI-ENG | Received by: | LB | 12/08/16 | 16:01 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |
| Canister Id: | 486 | | | | |

## Laboratory Data

SDG ID: GBX01824
Phoenix ID: BX01826

Project ID:
Client ID: SV1

| Parameter | ppbv Result | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution | |
|---|---|---|---|---|---|---|---|---|
| **Volatiles (TO15)** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | *0.146* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 1,1,1-Trichloroethane | 1.03 | *0.183* | 5.62 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1,2,2-Tetrachloroethane | ND | *0.146* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1,2-Trichloroethane | ND | *0.183* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1-Dichloroethane | ND | *0.247* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1-Dichloroethene | ND | *0.252* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2,4-Trichlorobenzene | ND | *0.135* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2,4-Trimethylbenzene | 2.34 | *0.204* | 11.5 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dibromoethane(EDB) | ND | *0.130* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dichloroethane | ND | *0.247* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-dichloropropane | ND | *0.217* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dichlorotetrafluoroethane | ND | *0.143* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,3,5-Trimethylbenzene | 0.729 | *0.204* | 3.58 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,3-Butadiene | ND | *0.452* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,3-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,4-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,4-Dioxane | ND | *0.278* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 2-Hexanone(MBK) | 2.92 | *0.244* | 12.0 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 4-Ethyltoluene | 0.636 | *0.204* | 3.12 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 4-Isopropyltoluene | ND | *0.182* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 4-Methyl-2-pentanone(MIBK) | ND | *0.244* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Acetone | 4.87 | *0.421* | 11.6 | *1.00* | 12/08/16 | KCA | 1 | |
| Acrylonitrile | ND | *0.461* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Benzene | 0.737 | *0.313* | 2.35 | *1.00* | 12/08/16 | KCA | 1 | |
| Benzyl chloride | ND | *0.193* | ND | *1.00* | 12/08/16 | KCA | 1 | |

**Ver 1**

Project ID:
Client ID: SV1

Phoenix I.D.: BX01826

| Parameter | ppbv Result | | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution | |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | *0.149* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Bromoform | ND | | *0.097* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Bromomethane | ND | | *0.258* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Carbon Disulfide | ND | | *0.321* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Carbon Tetrachloride | 0.054 | | *0.040* | 0.34 | *0.25* | 12/08/16 | KCA | 1 | |
| Chlorobenzene | ND | | *0.217* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Chloroethane | ND | | *0.379* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Chloroform | ND | | *0.205* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Chloromethane | ND | | *0.485* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Cis-1,2-Dichloroethene | ND | | *0.252* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| cis-1,3-Dichloropropene | ND | | *0.221* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Cyclohexane | ND | | *0.291* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Dibromochloromethane | ND | | *0.118* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Dichlorodifluoromethane | 0.488 | | *0.202* | 2.41 | *1.00* | 12/08/16 | KCA | 1 | |
| Ethanol | 3.41 | | *0.531* | 6.42 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| Ethyl acetate | ND | | *0.278* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| Ethylbenzene | 2.60 | | *0.230* | 11.3 | *1.00* | 12/08/16 | KCA | 1 | |
| Heptane | 0.450 | | *0.244* | 1.84 | *1.00* | 12/08/16 | KCA | 1 | |
| Hexachlorobutadiene | ND | | *0.094* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Hexane | 0.699 | S | *0.284* | 2.46 | *1.00* | 12/08/16 | KCA | 1 | |
| Isopropylalcohol | ND | | *0.407* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Isopropylbenzene | ND | | *0.204* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| m,p-Xylene | 11.3 | | *0.230* | 49.0 | *1.00* | 12/08/16 | KCA | 1 | |
| Methyl Ethyl Ketone | 31.7 | | *0.339* | 93.4 | *1.00* | 12/08/16 | KCA | 1 | |
| Methyl tert-butyl ether(MTBE) | ND | | *0.278* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Methylene Chloride | 0.457 | S | *0.288* | 1.59 | *1.00* | 12/08/16 | KCA | 1 | |
| n-Butylbenzene | 0.210 | | *0.182* | 1.15 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| o-Xylene | 3.07 | | *0.230* | 13.3 | *1.00* | 12/08/16 | KCA | 1 | |
| Propylene | 12.7 | | *0.581* | 21.8 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| sec-Butylbenzene | ND | | *0.182* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| Styrene | ND | | *0.235* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Tetrachloroethene | 0.154 | | *0.037* | 1.04 | *0.25* | 12/08/16 | KCA | 1 | |
| Tetrahydrofuran | ND | | *0.339* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| Toluene | 2.97 | | *0.266* | 11.2 | *1.00* | 12/08/16 | KCA | 1 | |
| Trans-1,2-Dichloroethene | ND | | *0.252* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| trans-1,3-Dichloropropene | ND | | *0.221* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Trichloroethene | 1.29 | | *0.047* | 6.93 | *0.25* | 12/08/16 | KCA | 1 | |
| Trichlorofluoromethane | 0.195 | | *0.178* | 1.09 | *1.00* | 12/08/16 | KCA | 1 | |
| Trichlorotrifluoroethane | ND | | *0.131* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Vinyl Chloride | ND | | *0.098* | ND | *0.25* | 12/08/16 | KCA | 1 | |
| **QA/QC Surrogates** | | | | | | | | | |
| % Bromofluorobenzene | 100 | | *%* | 100 | *%* | 12/08/16 | KCA | 1 | |

Project ID:
Client ID: SV1

Phoenix I.D.: BX01826

| Parameter | ppbv Result | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**December 14, 2016**

**Reviewed and Released by: Sarah Bell, Project Manager**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

December 14, 2016

FOR: Attn: Mr. Scott Davidow
Galli Engineering, P.C.
35 Pinelawn Road Suite 209E
Melville, NY 11747

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | AIR | Collected by: | | 12/07/16 | 11:02 |
| Location Code: | GALLI-ENG | Received by: | LB | 12/08/16 | 16:01 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |
| Canister Id: | 13633 | | | | |

## Laboratory Data

SDG ID: GBX01824
Phoenix ID: BX01827

Project ID:
Client ID: SV4

| Parameter | ppbv Result | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution | |
|---|---|---|---|---|---|---|---|---|
| **Volatiles (TO15)** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | *0.146* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 1,1,1-Trichloroethane | 59.2 | *0.917* | 323 | *5.00* | 12/09/16 | KCA | 5 | |
| 1,1,2,2-Tetrachloroethane | ND | *0.146* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1,2-Trichloroethane | ND | *0.183* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1-Dichloroethane | 0.386 | *0.247* | 1.56 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,1-Dichloroethene | ND | *0.252* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2,4-Trichlorobenzene | ND | *0.135* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2,4-Trimethylbenzene | 2.85 | *0.204* | 14.0 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dibromoethane(EDB) | ND | *0.130* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dichloroethane | ND | *0.247* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-dichloropropane | ND | *0.217* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,2-Dichlorotetrafluoroethane | ND | *0.143* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,3,5-Trimethylbenzene | 0.866 | *0.204* | 4.25 | *1.00* | 12/08/16 | KCA | 1 | |
| 1,3-Butadiene | ND | *0.452* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,3-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,4-Dichlorobenzene | ND | *0.166* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 1,4-Dioxane | ND | *0.278* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| 2-Hexanone(MBK) | 5.83 | *0.244* | 23.9 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 4-Ethyltoluene | 0.689 | *0.204* | 3.38 | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 4-Isopropyltoluene | ND | *0.182* | ND | *1.00* | 12/08/16 | KCA | 1 | 1 |
| 4-Methyl-2-pentanone(MIBK) | 7.25 | *0.244* | 29.7 | *1.00* | 12/08/16 | KCA | 1 | |
| Acetone | 14.7 | *0.421* | 34.9 | *1.00* | 12/08/16 | KCA | 1 | |
| Acrylonitrile | ND | *0.461* | ND | *1.00* | 12/08/16 | KCA | 1 | |
| Benzene | 2.29 | *0.313* | 7.31 | *1.00* | 12/08/16 | KCA | 1 | |
| Benzyl chloride | ND | *0.193* | ND | *1.00* | 12/08/16 | KCA | 1 | |

**Ver 1**

Project ID:
Client ID: SV4

Phoenix I.D.: BX01827

| Parameter | ppbv Result | | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution | |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | 0.149 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Bromoform | ND | | 0.097 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Bromomethane | ND | | 0.258 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Carbon Disulfide | 0.417 | | 0.321 | 1.30 | 1.00 | 12/08/16 | KCA | 1 | |
| Carbon Tetrachloride | 1.01 | | 0.040 | 6.35 | 0.25 | 12/08/16 | KCA | 1 | |
| Chlorobenzene | ND | | 0.217 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Chloroethane | ND | | 0.379 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Chloroform | 1.56 | | 0.205 | 7.61 | 1.00 | 12/08/16 | KCA | 1 | |
| Chloromethane | ND | | 0.485 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Cis-1,2-Dichloroethene | ND | | 0.252 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| cis-1,3-Dichloropropene | ND | | 0.221 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Cyclohexane | ND | | 0.291 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Dibromochloromethane | 0.357 | | 0.118 | 3.04 | 1.00 | 12/08/16 | KCA | 1 | |
| Dichlorodifluoromethane | 0.444 | | 0.202 | 2.19 | 1.00 | 12/08/16 | KCA | 1 | |
| Ethanol | 6.44 | | 0.531 | 12.1 | 1.00 | 12/08/16 | KCA | 1 | 1 |
| Ethyl acetate | ND | | 0.278 | ND | 1.00 | 12/08/16 | KCA | 1 | 1 |
| Ethylbenzene | 3.32 | | 0.230 | 14.4 | 1.00 | 12/08/16 | KCA | 1 | |
| Heptane | 0.888 | | 0.244 | 3.64 | 1.00 | 12/08/16 | KCA | 1 | |
| Hexachlorobutadiene | ND | | 0.094 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Hexane | 1.46 | S | 0.284 | 5.14 | 1.00 | 12/08/16 | KCA | 1 | |
| Isopropylalcohol | 0.559 | | 0.407 | 1.37 | 1.00 | 12/08/16 | KCA | 1 | |
| Isopropylbenzene | ND | | 0.204 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| m,p-Xylene | 14.1 | | 0.230 | 61.2 | 1.00 | 12/08/16 | KCA | 1 | |
| Methyl Ethyl Ketone | 67.8 | | 1.70 | 200 | 5.01 | 12/09/16 | KCA | 5 | |
| Methyl tert-butyl ether(MTBE) | ND | | 0.278 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Methylene Chloride | 0.703 | S | 0.288 | 2.44 | 1.00 | 12/08/16 | KCA | 1 | |
| n-Butylbenzene | 0.241 | | 0.182 | 1.32 | 1.00 | 12/08/16 | KCA | 1 | 1 |
| o-Xylene | 3.98 | | 0.230 | 17.3 | 1.00 | 12/08/16 | KCA | 1 | |
| Propylene | 32.6 | | 0.581 | 56.1 | 1.00 | 12/08/16 | KCA | 1 | 1 |
| sec-Butylbenzene | ND | | 0.182 | ND | 1.00 | 12/08/16 | KCA | 1 | 1 |
| Styrene | ND | | 0.235 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Tetrachloroethene | 61.7 | | 0.184 | 418 | 1.25 | 12/09/16 | KCA | 5 | |
| Tetrahydrofuran | 0.525 | | 0.339 | 1.55 | 1.00 | 12/08/16 | KCA | 1 | 1 |
| Toluene | 4.62 | | 0.266 | 17.4 | 1.00 | 12/08/16 | KCA | 1 | |
| Trans-1,2-Dichloroethene | ND | | 0.252 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| trans-1,3-Dichloropropene | ND | | 0.221 | ND | 1.00 | 12/08/16 | KCA | 1 | |
| Trichloroethene | 102 | | 0.233 | 548 | 1.25 | 12/09/16 | KCA | 5 | |
| Trichlorofluoromethane | 0.260 | | 0.178 | 1.46 | 1.00 | 12/08/16 | KCA | 1 | |
| Trichlorotrifluoroethane | 0.139 | | 0.131 | 1.06 | 1.00 | 12/08/16 | KCA | 1 | |
| Vinyl Chloride | ND | | 0.098 | ND | 0.25 | 12/08/16 | KCA | 1 | |
| **QA/QC Surrogates** | | | | | | | | | |
| % Bromofluorobenzene | 104 | | % | 104 | % | 12/08/16 | KCA | 1 | |

Project ID:
Client ID: SV4

Phoenix I.D.: BX01827

| Parameter | ppbv Result | ppbv RL | ug/m3 Result | ug/m3 RL | Date/Time | By | Dilution |
|---|---|---|---|---|---|---|---|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**December 14, 2016**

**Reviewed and Released by: Sarah Bell, Project Manager**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# QA/QC Report

December 14, 2016

## QA/QC Data

SDG I.D.: GBX01824

QA/QC Batch 369461 (ppbv), QC Sample No: BX01825 (BX01824 (1X, 30X, 150X) , BX01825 (1X, 2X) , BX01826, BX01827 (1X, 5X) )

### Volatiles

| Parameter | Blk ppbv | Blk RL ppbv | Blk ug/m3 | Blk RL ug/m3 | LCS % | Sample Result ug/m3 | Sample Dup ug/m3 | Sample Result ppbv | Sample Dup ppbv | DUP RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 0.146 | ND | 1.00 | 107 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,1,1-Trichloroethane | ND | 0.183 | ND | 1.00 | 105 | 8.02 | 8.23 | 1.47 | 1.51 | 2.7 | 70 - 130 | 25 |
| 1,1,2,2-Tetrachloroethane | ND | 0.146 | ND | 1.00 | 96 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,1,2-Trichloroethane | ND | 0.183 | ND | 1.00 | 99 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,1-Dichloroethane | ND | 0.247 | ND | 1.00 | 96 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,1-Dichloroethene | ND | 0.252 | ND | 1.00 | 101 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,2,4-Trichlorobenzene | ND | 0.135 | ND | 1.00 | 105 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,2,4-Trimethylbenzene | ND | 0.204 | ND | 1.00 | 107 | 18.8 | 19.8 | 3.83 | 4.02 | 4.8 | 70 - 130 | 25 |
| 1,2-Dibromoethane(EDB) | ND | 0.130 | ND | 1.00 | 104 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,2-Dichlorobenzene | ND | 0.166 | ND | 1.00 | 103 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,2-Dichloroethane | ND | 0.247 | ND | 1.00 | 99 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,2-dichloropropane | ND | 0.216 | ND | 1.00 | 97 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,2-Dichlorotetrafluoroethane | ND | 0.143 | ND | 1.00 | 113 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,3,5-Trimethylbenzene | ND | 0.204 | ND | 1.00 | 103 | 10.3 | 11.0 | 2.09 | 2.23 | 6.5 | 70 - 130 | 25 |
| 1,3-Butadiene | ND | 0.452 | ND | 1.00 | 114 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,3-Dichlorobenzene | ND | 0.166 | ND | 1.00 | 106 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,4-Dichlorobenzene | ND | 0.166 | ND | 1.00 | 107 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 1,4-Dioxane | ND | 0.278 | ND | 1.00 | 99 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 2-Hexanone(MBK) | ND | 0.244 | ND | 1.00 | 102 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| 4-Ethyltoluene | ND | 0.204 | ND | 1.00 | 110 | 5.50 | 5.65 | 1.12 | 1.15 | 2.6 | 70 - 130 | 25 |
| 4-Isopropyltoluene | ND | 0.182 | ND | 1.00 | 117 | 2.20 | 2.42 | 0.401 | 0.442 | NC | 70 - 130 | 25 |
| 4-Methyl-2-pentanone(MIBK) | ND | 0.244 | ND | 1.00 | 102 | 37.4 | 37.9 | 9.13 | 9.26 | 1.4 | 70 - 130 | 25 |
| Acetone | ND | 0.421 | ND | 1.00 | 99 | 44.2 | 45.8 | 18.6 | 19.3 | 3.7 | 70 - 130 | 25 |
| Acrylonitrile | ND | 0.461 | ND | 1.00 | 96 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Benzene | ND | 0.313 | ND | 1.00 | 95 | 9.42 | 9.10 | 2.95 | 2.85 | 3.4 | 70 - 130 | 25 |
| Benzyl chloride | ND | 0.193 | ND | 1.00 | 125 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Bromodichloromethane | ND | 0.149 | ND | 1.00 | 104 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Bromoform | ND | 0.097 | ND | 1.00 | 125 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Bromomethane | ND | 0.257 | ND | 1.00 | 100 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Carbon Disulfide | ND | 0.321 | ND | 1.00 | 109 | 3.30 | 3.27 | 1.06 | 1.05 | NC | 70 - 130 | 25 |
| Carbon Tetrachloride | ND | 0.040 | ND | 0.25 | 104 | 0.33 | 0.28 | 0.053 | 0.045 | NC | 70 - 130 | 25 |
| Chlorobenzene | ND | 0.217 | ND | 1.00 | 96 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Chloroethane | ND | 0.379 | ND | 1.00 | 104 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Chloroform | ND | 0.205 | ND | 1.00 | 95 | 1.46 | 1.39 | 0.300 | 0.285 | NC | 70 - 130 | 25 |
| Chloromethane | ND | 0.484 | ND | 1.00 | 120 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Cis-1,2-Dichloroethene | ND | 0.256 | ND | 1.01 | 96 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| cis-1,3-Dichloropropene | ND | 0.220 | ND | 1.00 | 109 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Cyclohexane | ND | 0.291 | ND | 1.00 | 96 | 51.6 | 53.0 | 15.0 | 15.4 | 2.6 | 70 - 130 | 25 |
| Dibromochloromethane | ND | 0.117 | ND | 1.00 | 108 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Dichlorodifluoromethane | ND | 0.202 | ND | 1.00 | 100 | 2.16 | 2.12 | 0.437 | 0.429 | NC | 70 - 130 | 25 |

# QA/QC Data

SDG I.D.: GBX01824

| Parameter | Blk ppbv | Blk RL ppbv | Blk ug/m3 | Blk RL ug/m3 | LCS % | Sample Result ug/m3 | Sample Dup ug/m3 | Sample Result ppbv | Sample Dup ppbv | DUP RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ethanol | ND | 0.531 | ND | 1.00 | 72 | 10.3 | 10.8 | 5.47 | 5.74 | 4.8 | 70 - 130 | 25 |
| Ethyl acetate | ND | 0.278 | ND | 1.00 | 113 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Ethylbenzene | ND | 0.230 | ND | 1.00 | 108 | 15.6 | 16.1 | 3.60 | 3.72 | 3.3 | 70 - 130 | 25 |
| Heptane | ND | 0.244 | ND | 1.00 | 102 | 12.3 | 12.6 | 3.01 | 3.07 | 2.0 | 70 - 130 | 25 |
| Hexachlorobutadiene | ND | 0.094 | ND | 1.00 | 89 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Hexane | ND | 0.284 | ND | 1.00 | 97 | 6.52 S | 6.55 S | 1.85 S | 1.86 S | 0.5 | 70 - 130 | 25 |
| Isopropylalcohol | ND | 0.407 | ND | 1.00 | 89 | 2.28 | 2.32 | 0.929 | 0.946 | NC | 70 - 130 | 25 |
| Isopropylbenzene | ND | 0.204 | ND | 1.00 | 108 | 5.60 | 5.70 | 1.14 | 1.16 | 1.7 | 70 - 130 | 25 |
| m,p-Xylene | ND | 0.230 | ND | 1.00 | 107 | 63.8 | 67.3 | 14.7 | 15.5 | 5.3 | 70 - 130 | 25 |
| Methyl Ethyl Ketone | ND | 0.339 | ND | 1.00 | 94 | 100 | 100 | 33.8 | 33.9 | 0.3 | 70 - 130 | 25 |
| Methyl tert-butyl ether(MTBE) | ND | 0.277 | ND | 1.00 | 102 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Methylene Chloride | ND | 0.288 | ND | 1.00 | 94 | 2.42 S | 2.54 S | 0.698 S | 0.733 S | NC | 70 - 130 | 25 |
| n-Butylbenzene | ND | 0.182 | ND | 1.00 | 120 | 1.56 | 2.07 | 0.284 | 0.378 | NC | 70 - 130 | 25 |
| o-Xylene | ND | 0.230 | ND | 1.00 | 107 | 24.9 | 25.5 | 5.73 | 5.88 | 2.6 | 70 - 130 | 25 |
| Propylene | ND | 0.581 | ND | 1.00 | 106 | 75.5 | 75.3 | 43.9 | 43.8 | 0.2 | 70 - 130 | 25 |
| sec-Butylbenzene | ND | 0.182 | ND | 1.00 | 112 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Styrene | ND | 0.235 | ND | 1.00 | 110 | ND | 1.03 | ND | 0.243 | NC | 70 - 130 | 25 |
| Tetrachloroethene | ND | 0.037 | ND | 0.25 | 99 | 1.11 | 1.29 | 0.164 | 0.190 | NC | 70 - 130 | 25 |
| Tetrahydrofuran | ND | 0.339 | ND | 1.00 | 99 | 1.79 | 1.77 | 0.608 | 0.601 | NC | 70 - 130 | 25 |
| Toluene | ND | 0.266 | ND | 1.00 | 110 | 16.9 | 17.5 | 4.48 | 4.64 | 3.5 | 70 - 130 | 25 |
| Trans-1,2-Dichloroethene | ND | 0.252 | ND | 1.00 | 97 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| trans-1,3-Dichloropropene | ND | 0.220 | ND | 1.00 | 108 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Trichloroethene | ND | 0.047 | ND | 0.25 | 99 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Trichlorofluoromethane | ND | 0.178 | ND | 1.00 | 100 | 1.39 | 1.36 | 0.247 | 0.242 | NC | 70 - 130 | 25 |
| Trichlorotrifluoroethane | ND | 0.131 | ND | 1.00 | 96 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| Vinyl Chloride | ND | 0.098 | ND | 0.25 | 118 | ND | ND | ND | ND | NC | 70 - 130 | 25 |
| % Bromofluorobenzene | 103 | % | 103 | % | 98 | 122 | 106 | 122 | 106 | NC | 70 - 130 | 25 |

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
December 14, 2016

Wednesday, December 14, 2016

Criteria: None

State: NY

# Sample Criteria Exceedances Report

## GBX01824 - GALLI-ENG

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|---|---|---|---|---|---|---|---|---|

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

**PHOENIX** Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

# CHAIN OF CUSTODY RECORD
## AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #  Page  of

Data Delivery:
☐ Fax #:
☐ Email:
☐ Phone #:

Report to: Scott Davidow
Customer: Galli
Address:

Invoice to:
Sampled by:

Project Name:
Requested Deliverable: RCP ☐ ASP CAT B ☐ MCP ☐ NJ Deliverables ☐
State where samples collected:

| Phoenix ID # | Client Sample ID | Canister ID # | Canister Size (L) | Outgoing Canister Pressure (" Hg) | Incoming Canister Pressure ("Hg) | Flow Regulator ID # | Flow Controller Setting (mL/min) | Sampling Start Time | Sampling End Time | Sample Start Date | Canister Pressure at Start (" Hg) | Canister Pressure at End ("Hg) | Ambient/Indoor Air | Soil Gas | Grab ( G ) Composite ( C ) | TO-14 | TO-15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | THIS SECTION FOR LAB USE ONLY | | | | | | | | | | | MATRIX | | | ANALYSES | |
| 01824 | SV3 | 21362 | 6.0 | -30 | -4 | 3250 | 43 | 8:48 | 10:53 | 12/7/16 | -29 | -5 | | | | | |
| 01825 | SV2 | 21359 | ↓ | ↓ | -3 | 5660 | ↓ | 9:51 | 11:58 | 12/6/16 | -30 | -5 | | | | | |
| 01826 | SV1 | 486 | ↓ | ↓ | -4 | 4922 | ↓ | 9:03 | 11:07 | 12/6/16 | -30 | -5 | | | | | |
| 01827 | SV4 | 13633 | ↓ | ↓ | -3 | 3507 | ↓ | 9:02 | 11:02 | 12/7/16 | -30 | -5 | | | | | |
| | X | ~~19589~~ | ↓ | ↓ | | ~~3258~~ | ↓ | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | 5+6L 2hrs | | | | | | | | | | | | | | | | |

| Relinquished by: | Accepted by: | Date: | Time: |
|---|---|---|---|
| [signature] | [signature] | 12-8-16 | 12:30 |
| [signature] | Krystal Bunce | 12-8-16 | 16:01 |

Data Format: Excel ☐ Equis ☐ GISKey ☐ PDF ☐ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

canister ID 19589 / Flow reg ID 3258 did not work.
SV5 will be sampled at a later time.

Requested Criteria

Quote Number:

*I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:*

Signature: Date:

Accredited Analytical Resources, LLC.

# ANALYTICAL REPORT

for

GALLI Engineering
35 Pinelawn Road, Suite 209E
Melville, NY 11747

Project: Silverstar NY

AAR Work Order: 1602303

| Client Sample ID: | Lab Sample ID: |
|---|---|
| SB-1 | 1602303-01 |
| SB-2 | 1602303-02 |
| SB-3 | 1602303-03 |
| SB-4 | 1602303-04 |
| SB-5 | 1602303-05 |
| SB-5 | 1602303-05RE1 |
| SB-6 | 1602303-06 |
| SB-7 | 1602303-07 |
| SB-7 | 1602303-07RE1 |
| SB-8 | 1602303-08 |
| SB-9 | 1602303-09 |
| SB-10 | 1602303-10 |
| CP-1 | 1602303-11 |
| CP-2 | 1602303-12 |
| CP-2 | 1602303-12RE1 |
| CP-3 | 1602303-13 |
| CP-3 | 1602303-13RE1 |
| CP-4 | 1602303-14 |
| CP-5 | 1602303-15 |
| CP-6 | 1602303-16 |
| CP-7 | 1602303-17 |
| CP-8 | 1602303-18 |
| CP-8 | 1602303-18RE1 |

| | |
|---|---|
| CP-9 | 1602303-19 |
| CP-10 | 1602303-20 |
| CP-10 | 1602303-20RE1 |
| CP-12 | 1602303-21 |
| CP-12 | 1602303-21RE1 |
| CP-X | 1602303-22 |

This data has been reviewed and accepted by:

Daniel Miguel 01/05/2017
Technical Director

New Jersey Certification Number: 12007
New York Certification Number: 11109
Pennsylvania Certification Number: 68-02799

This report shall not be reproduced, except in its entirety, without the written consent of Accredited Analytical Resources, LLC.
The test results included in this report relate only to the samples analyzed.

# Methodology Summary

**EPA Method SW846 8081/8082:**
NJ 8081A/8082
NY 8081B/8082A

**Semivolatile Organic Compounds EPA Method SW846 8270:**
NJ 8270C
NY 8270D

**Total Mercury by SW846 7471:**
NJ EPA 7471A
NY EPA 7471B

**Total Metals by EPA Method SW846 6010:**
NJ 6010B
NY 6010C

**Volatile Organic Compounds EPA Method SW846 8260:**
NJ 8260B
NY 8260C

**Wet Chemistry:**
Percent Solids by SM 2540 G

# Condition of Samples on Receipt

**Client:** **GALLI Engineering**
**Project:** **Silverstar NY**
**Work Order:** **1602303**

Received: 12/9/16 11:40

**Cooler**

| | |
|---|---|
| Temperature °C | 4.00 |
| Chain of Custody Filled Out Properly | Yes |
| Proper Containers and Volumes | Yes |
| Received Within Holding Time | Yes |
| Samples Received with Correct Preservation | Yes |
| Samples Received On Ice | Yes |
| Sample Received Via Field Services | Yes |
| Samples Hand Delivered | No |

# CHAIN OF CUSTODY FORM

**Accredited Analytical Resources, LLC.**
20 PERSHING AVE, CARTERET, NJ 07008
Tel. 732-969-6112 FAX 732-541-1383
WEB: WWW.ACCREDITEDANALYTICAL.COM

| | |
|---|---|
| STATE AGENCY (CIRCLE ONE) | NJ (NY) PA |
| PROJECT NAME: | Silverstar NY |
| CONTACT: | Frank Gehrling |
| OFFICE PHONE # | 631-271-9292 |
| OFFICE FAX # | 631-271-9345 |
| INITIAL RESULTS TO: | sdavidow@galliengr.com |
| EMAIL FOR INVOICE: | llasanta@galliengr.com |

| | |
|---|---|
| CLIENT NAME: | Galli Engineering, P.C. |
| ADDRESS: | 35 Pinelawn Rd. Ste 209 E |
| CITY: | Melville |
| STATE: | NY |
| ZIP: | 11747 |

| | |
|---|---|
| AAR QUOTE # | |
| AAR WORK ORDER # | 1602303 |
| P.O. # | |

## ANALYSIS

PRES. CODE → 5
CONT. CODE → G G G G

## COLLECTION INFORMATION

| CUSTOMER SAMPLE # / ID | DATE / TIME SAMPLED | MATRIX CODE | DEPTH | # OF CONTAINERS | GRAB (G) COMP (C) | VOC 8260 | SVOC 8270 | TAL metals | Pesticides | PCBs | AAR SAMPLE # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-1 | 12/6/16 | S | 25 | 6 | G | X | X | X | X | X | -01 |
| SB-2 | ↓ | S | 25 | 6 | G | X | X | X | X | X | -02 |
| SB-3 | ↓ | S | 25 | 6 | G | X | X | X | X | X | -03 |
| SB-4 | ↓ | S | 25 | 6 | G | X | X | X | X | X | -04 |
| SB-5 | ↓ | S | 25 | 6 | G | X | X | X | X | X | -05 |
| SB-6 | ↓ | S | 25 | 6 | G | X | X | X | X | X | -06 |
| SB-7 | 12/7/16 | S | 25 | 6 | G | X | X | X | X | X | -07 |
| SB-8 | ↓ | S | 25 | 6 | G | X | X | X | X | X | -08 |
| SB-9 | ↓ | S | 25 | 6 | G | X | X | X | X | X | -09 |
| SB-10 | ↓ | S | 25 | 6 | G | X | X | X | X | X | -10 |

MATRIX CODES: S = SOIL A = AQUEOUS GW = GROUND WATER WW = WASTE WATER SW = SURFACE WATER P = POTABLE WATER O = OIL K = SOLID X = OTHER _____

CONTAINER TYPE CODES: G = GLASS P = PLASTIC E = ENCORE PRESERVATIVES CODES: 1 = HCL 2 = $HNO_3$ 3 = $H_2SO_4$ 4 = NaOH 5 = OTHER _____

| | |
|---|---|
| TURNAROUND TIME: (CIRCLE ONE) | (STANDARD) 5 DAY 72 HRS. 48 HRS. 24 HRS. OTHER _____ (IF BLANK STANDARD WILL APPLY) |
| REPORT TYPE: | RESULTS ONLY ✓ REDUCED ____ FULL ____ EDD ____ EXCEL SPREADSHEET ____ |

COMMENTS:

COOLER TEMP: 4°C

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: SIGN:

SIGN BELOW WHEN DELIVERING SAMPLES. EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY, CUSTODY MUST BE DOCUMENTED.

| RELINQUISHED BY: | RECEIVED BY: | RELINQUISHED BY: | RECEIVED BY: |
|---|---|---|---|
| Print Name: Frank Gehrling | Print Name: Ron Rebong | Print Name: Ron Rebong | Print Name: K. Muniz |
| Signature: [signature] | Signature: [signature] | Signature: [signature] | Signature: [signature] |
| Agent of: Galli Eng | Agent of: AAR | Agent of: AAR | Agent of: AAR |
| Date Received: 12/9/16 | Time: 10:00 | Date Received: 12/9/16 | Time: 1140 |
| RELINQUISHED BY: | RECEIVED BY: | RELINQUISHED BY: | RECEIVED BY: |
| Print Name: | Print Name: | Print Name: | Print Name: |
| Signature: | Signature: | Signature: | Signature: |
| Agent of: | Agent of: | Agent of: | Agent of: |
| Date Received: / / | Time: | Date Received: / / | Time: |

**Accredited Analytical Resources, LLC.**
20 PERSHING AVE, CARTERET, NJ 07008
Tel. 732-969-6112 FAX 732-541-1383
WEB: WWW.ACCREDITEDANALYTICAL.COM

# CHAIN OF CUSTODY FORM

| | |
|---|---|
| STATE AGENCY (CIRCLE ONE) | NJ NY PA |
| PROJECT NAME: | Silverstar NY |
| CONTACT: | Frank Gehrling |
| OFFICE PHONE # | 631-271-9292 |
| OFFICE FAX # | 631-271-9345 |
| INITIAL RESULTS TO: | sdavidow@galliency.com |
| EMAIL FOR INVOICE: | llagantar@galliency.com |

| | |
|---|---|
| CLIENT NAME: | Galli Engineering, P.C. |
| ADDRESS: | 35 Pinelawn Rd Ste 209E |
| CITY: | Melville |
| STATE: | NY ZIP: 11747 |

AAR QUOTE #
AAR WORK ORDER # 1602303
P.O. #

## ANALYSIS

PRES. CODE → 5
CONT. CODE → G G G G G

## COLLECTION INFORMATION

| CUSTOMER SAMPLE # / ID | DATE / TIME SAMPLED | MATRIX CODE | DEPTH | # OF CONTAINERS | GRAB (G) COMP (C) | VOC 8260 | SVOC 8270 | TAL metals | pesticides | PCBs | AAR SAMPLE # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CP-1 | 12/6/16 | S | 25 | G | | X | X | X | X | X | -11 |
| CP-2 | | S | 25 | G | | X | X | X | X | X | -12 |
| CP-3 | | S | 25 | G | | X | X | X | X | X | -13 |
| CP-4 | | S | 25 | G | | X | X | X | X | X | -14 |
| CP-5 | | S | 25 | G | | X | X | X | X | X | -15 |
| CP-6 | | S | 25 | G | | X | X | X | X | X | -16 |
| CP-7 | | S | 25 | G | | X | X | X | X | X | -17 |
| CP-8 | | S | 25 | G | | X | X | X | X | X | -18 |
| CP-9 | | S | 25 | G | | X | X | X | X | X | -19 |
| CP-10 | | S | 25 | G | | X | X | X | X | X | -20 |

MATRIX CODES: S = SOIL A = AQUEOUS GW = GROUND WATER WW = WASTE WATER SW = SURFACE WATER P = POTABLE WATER O = OIL K = SOLID X = OTHER ____

CONTAINER TYPE CODES: G = GLASS P = PLASTIC E = ENCORE PRESERVATIVES CODES: 1 = HCL 2 = $HNO_3$ 3 = $H_2SO_4$ 4 = NaOH 5 = OTHER ____

TURNAROUND TIME: (CIRCLE ONE) STANDARD 5 DAY 72 HRS. 48 HRS. 24 HRS. OTHER ____
(IF BLANK STANDARD WILL APPLY)

REPORT TYPE: RESULTS ONLY ✓ REDUCED ____ FULL ____ EDD ____ EXCEL SPREADSHEET ____

COMMENTS:

COOLER TEMP: 4°C

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: SIGN:

SIGN BELOW WHEN DELIVERING SAMPLES. EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY, CUSTODY MUST BE DOCUMENTED.

| RELINQUISHED BY: | RECEIVED BY: | RELINQUISHED BY: | RECEIVED BY: |
|---|---|---|---|
| Print Name: Frank Gehrling | Print Name: Ron Rebong | Print Name: Ron Rebong | Print Name: K. Muniz |
| Signature: [signature] | Signature: [signature] | Signature: [signature] | Signature: K. Muniz |
| Agent of: Galli, Eng | Agent of: AAR | Agent of: AAR | Agent of: AAR |
| Date Received: 12/09/16 | Time: 12:42 | Date Received: 12/9/16 | Time: 1140 |
| **RELINQUISHED BY:** | **RECEIVED BY:** | **RELINQUISHED BY:** | **RECEIVED BY:** |
| Print Name: | Print Name: | Print Name: | Print Name: |
| Signature: | Signature: | Signature: | Signature: |
| Agent of: | Agent of: | Agent of: | Agent of: |
| Date Received: / / | Time: | Date Received: / / | Time: |

# CHAIN OF CUSTODY FORM

**Accredited Analytical Resources, LLC.**
20 PERSHING AVE, CARTERET, NJ 07008
Tel. 732-969-6112 FAX 732-541-1383
WEB: WWW.ACCREDITEDANALYTICAL.COM

| | |
|---|---|
| STATE AGENCY (CIRCLE ONE) | NJ (NY) PA |
| PROJECT NAME: | Silverstar NY |
| CONTACT: | Frank Gehrling |
| OFFICE PHONE # | 631-271-9292 |
| OFFICE FAX # | 631-271-9345 |
| INITIAL RESULTS TO: | sdavidow@gallieng.com |
| EMAIL FOR INVOICE: | lcasanta@gallieng.com |

| | |
|---|---|
| CLIENT NAME: | Galli Engineering, P.C. |
| ADDRESS: | 75 Pinelawn Rd Ste 209E |
| CITY: | Melville |
| STATE: | NY ZIP: 11747 |

AAR QUOTE #
AAR WORK ORDER # 1602303
P.C. #

## ANALYSIS

PRES. CODE → 5
CONT. CODE → G G G G G

## COLLECTION INFORMATION

| CUSTOMER SAMPLE # / ID | DATE / TIME SAMPLED | MATRIX CODE | DEPTH | # OF CONTAINERS | GRAB (G) COMP (C) | VOC 8260 | SVOC 8270 | TAL metals | Pesticides | PCBs | AAR SAMPLE # |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~CP-11~~ | | S | | 5 | G | X | X | X | X | X | (was not sampled) |
| CP-12 | 12/7/16 | S | | 2 | G | X | X | X | X | X | -21 |
| ~~GW-1~~ | | GW | | | G | X | X | X | X | X | (was not sampled) |
| ~~GW-2~~ | | GW | | | G | X | X | X | X | X | |
| ~~GW-3~~ | | GW | | | G | X | X | X | X | X | |
| ~~GW-4~~ | | GW | | | G | X | X | X | X | X | |
| ~~GW-5~~ | | GW | | | G | X | X | X | X | X | |
| CP-X | 12/6/16 | S | | 2 | G | X | X | X | X | X | -22 |

MATRIX CODES: S = SOIL A = AQUEOUS GW = GROUND WATER WW = WASTE WATER SW = SURFACE WATER P = POTABLE WATER O = OIL K = SOLID X = OTHER

CONTAINER TYPE CODES: G = GLASS P = PLASTIC E = ENCORE PRESERVATIVES CODES: 1 = HCL 2 = $HNO_3$ 3 = $H_2SO_4$ 4 = NaOH 5 = OTHER

| | |
|---|---|
| TURNAROUND TIME: (CIRCLE ONE) | STANDARD 5 DAY 72 HRS. 48 HRS. 24 HRS. OTHER ____ (IF BLANK STANDARD WILL APPLY) |
| REPORT TYPE: | RESULTS ONLY ✓ REDUCED ____ FULL ____ EDD ____ EXCEL SPREADSHEET ____ |

COMMENTS:

COOLER TEMP: 4°C

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: SIGN:

SIGN BELOW WHEN DELIVERING SAMPLES. EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY, CUSTODY MUST BE DOCUMENTED

| RELINQUISHED BY: | RECEIVED BY: | RELINQUISHED BY: | RECEIVED BY: |
|---|---|---|---|
| Print Name: Frank Gehrling | Print Name: RON REBONG | Print Name: RON REBONG | Print Name: K. Muniz |
| Signature: | Signature: | Signature: | Signature: K. Muniz |
| Agent of: Galli Eng | Agent of: AAR | Agent of: AAR | Agent of: AAR |
| Date Received: 12/09/16 | Time: 10:00 | Date Received: 12/9/16 | Time: 11:40 |

| RELINQUISHED BY: | RECEIVED BY: | RELINQUISHED BY: | RECEIVED BY: |
|---|---|---|---|
| Print Name: | Print Name: | Print Name: | Print Name: |
| Signature: | Signature: | Signature: | Signature: |
| Agent of: | Agent of: | Agent of: | Agent of: |
| Date Received: / / | Time: | Date Received: / / | Time: |

Accredited Analytical Resources, LLC.

## Analytical Report for Samples

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| SB-1 | 1602303-01 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| SB-2 | 1602303-02 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| SB-3 | 1602303-03 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| SB-4 | 1602303-04 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| SB-5 | 1602303-05 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| SB-6 | 1602303-06 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| SB-7 | 1602303-07 | Soil | 12/07/2016 00:00 | 12/09/2016 11:40 |
| SB-8 | 1602303-08 | Soil | 12/07/2016 00:00 | 12/09/2016 11:40 |
| SB-9 | 1602303-09 | Soil | 12/07/2016 00:00 | 12/09/2016 11:40 |
| SB-10 | 1602303-10 | Soil | 12/07/2016 00:00 | 12/09/2016 11:40 |
| CP-1 | 1602303-11 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-2 | 1602303-12 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-3 | 1602303-13 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-4 | 1602303-14 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-5 | 1602303-15 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-6 | 1602303-16 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-7 | 1602303-17 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-8 | 1602303-18 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-9 | 1602303-19 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-10 | 1602303-20 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |
| CP-12 | 1602303-21 | Soil | 12/07/2016 00:00 | 12/09/2016 11:40 |
| CP-X | 1602303-22 | Soil | 12/06/2016 00:00 | 12/09/2016 11:40 |

## Data Qualifiers

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# PEST/PCB

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 91.30 | Prep Method: | EPA 3550B | File ID: | A23822.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 19:47 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.723 | 0.723 | U |
| 319-85-7 | beta-BHC | ND | 0.723 | 0.723 | U |
| 319-86-8 | delta-BHC | ND | 0.723 | 0.723 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.723 | 0.723 | U |
| 76-44-8 | Heptachlor | ND | 0.723 | 0.723 | U |
| 309-00-2 | Aldrin | ND | 0.723 | 0.723 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.723 | 0.723 | U |
| 959-98-8 | Endosulfan I | ND | 0.723 | 0.723 | U |
| 60-57-1 | Dieldrin | ND | 1.46 | 1.46 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.46 | 1.46 | U |
| 72-20-8 | Endrin | ND | 1.46 | 1.46 | U |
| 33213-65-9 | Endosulfan II | ND | 1.46 | 1.46 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.46 | 1.46 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.46 | 1.46 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.46 | 1.46 | U |
| 72-43-5 | Methoxychlor | ND | 2.19 | 7.29 | U |
| 53494-70-5 | Endrin ketone | ND | 1.46 | 1.46 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.46 | 1.46 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.723 | 0.723 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.723 | 0.723 | U |
| 8001-35-2 | Toxaphene | ND | 36.5 | 36.5 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.2 | 36.5 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 91.30 | Prep Method: | EPA 3550B | File ID: | A23822.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 19:47 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.2 | 36.5 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.2 | 36.5 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.2 | 36.5 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.2 | 36.5 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.2 | 36.5 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.2 | 36.5 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.2 | 36.5 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.2 | 36.5 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 70.9% | 30-150 |
| Tetrachloro-m-xylene [2C] | 81.6% | 30-150 |
| Decachlorobiphenyl | 81.4% | 30-150 |
| Decachlorobiphenyl [2C] | 88.1% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B | File ID: | A23823.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 20:16 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.688 | 0.688 | U |
| 319-85-7 | beta-BHC | ND | 0.688 | 0.688 | U |
| 319-86-8 | delta-BHC | ND | 0.688 | 0.688 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.688 | 0.688 | U |
| 76-44-8 | Heptachlor | ND | 0.688 | 0.688 | U |
| 309-00-2 | Aldrin | ND | 0.688 | 0.688 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.688 | 0.688 | U |
| 959-98-8 | Endosulfan I | ND | 0.688 | 0.688 | U |
| 60-57-1 | Dieldrin | ND | 1.39 | 1.39 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.39 | 1.39 | U |
| 72-20-8 | Endrin | ND | 1.39 | 1.39 | U |
| 33213-65-9 | Endosulfan II | ND | 1.39 | 1.39 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.39 | 1.39 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.39 | 1.39 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.39 | 1.39 | U |
| 72-43-5 | Methoxychlor | ND | 2.08 | 6.94 | U |
| 53494-70-5 | Endrin ketone | ND | 1.39 | 1.39 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.39 | 1.39 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.688 | 0.688 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.688 | 0.688 | U |
| 8001-35-2 | Toxaphene | ND | 34.7 | 34.7 | U |
| 12674-11-2 | Aroclor-1016 | ND | 17.3 | 34.7 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B | File ID: | A23823.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 20:16 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 17.3 | 34.7 | U |
| 11141-16-5 | Aroclor-1232 | ND | 17.3 | 34.7 | U |
| 53469-21-9 | Aroclor-1242 | ND | 17.3 | 34.7 | U |
| 12672-29-6 | Aroclor-1248 | ND | 17.3 | 34.7 | U |
| 11097-69-1 | Aroclor-1254 | ND | 17.3 | 34.7 | U |
| 11096-82-5 | Aroclor-1260 | ND | 17.3 | 34.7 | U |
| 37324-23-5 | Aroclor-1262 | ND | 17.3 | 34.7 | U |
| 11100-14-4 | Aroclor-1268 | ND | 17.3 | 34.7 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 79.3% | 30-150 |
| Tetrachloro-m-xylene [2C] | 89.8% | 30-150 |
| Decachlorobiphenyl | 85.4% | 30-150 |
| Decachlorobiphenyl [2C] | 92.8% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 91.10 | Prep Method: | EPA 3550B | File ID: | A23824.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 20:45 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.724 | 0.724 | U |
| 319-85-7 | beta-BHC | ND | 0.724 | 0.724 | U |
| 319-86-8 | delta-BHC | ND | 0.724 | 0.724 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.724 | 0.724 | U |
| 76-44-8 | Heptachlor | ND | 0.724 | 0.724 | U |
| 309-00-2 | Aldrin | ND | 0.724 | 0.724 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.724 | 0.724 | U |
| 959-98-8 | Endosulfan I | ND | 0.724 | 0.724 | U |
| 60-57-1 | Dieldrin | ND | 1.46 | 1.46 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.46 | 1.46 | U |
| 72-20-8 | Endrin | ND | 1.46 | 1.46 | U |
| 33213-65-9 | Endosulfan II | ND | 1.46 | 1.46 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.46 | 1.46 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.46 | 1.46 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.46 | 1.46 | U |
| 72-43-5 | Methoxychlor | ND | 2.20 | 7.31 | U |
| 53494-70-5 | Endrin ketone | ND | 1.46 | 1.46 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.46 | 1.46 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.724 | 0.724 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.724 | 0.724 | U |
| 8001-35-2 | Toxaphene | ND | 36.6 | 36.6 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.2 | 36.6 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 91.10 | Prep Method: | EPA 3550B | File ID: | A23824.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 20:45 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.2 | 36.6 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.2 | 36.6 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.2 | 36.6 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.2 | 36.6 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.2 | 36.6 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.2 | 36.6 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.2 | 36.6 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.2 | 36.6 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 83.2% | 30-150 |
| Tetrachloro-m-xylene [2C] | 95.6% | 30-150 |
| Decachlorobiphenyl | 92.3% | 30-150 |
| Decachlorobiphenyl [2C] | 97.9% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B | File ID: | A23825.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 21:15 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.709 | 0.709 | U |
| 319-85-7 | beta-BHC | ND | 0.709 | 0.709 | U |
| 319-86-8 | delta-BHC | ND | 0.709 | 0.709 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.709 | 0.709 | U |
| 76-44-8 | Heptachlor | ND | 0.709 | 0.709 | U |
| 309-00-2 | Aldrin | ND | 0.709 | 0.709 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.709 | 0.709 | U |
| 959-98-8 | Endosulfan I | ND | 0.709 | 0.709 | U |
| 60-57-1 | Dieldrin | ND | 1.43 | 1.43 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.43 | 1.43 | U |
| 72-20-8 | Endrin | ND | 1.43 | 1.43 | U |
| 33213-65-9 | Endosulfan II | ND | 1.43 | 1.43 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.43 | 1.43 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.43 | 1.43 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.43 | 1.43 | U |
| 72-43-5 | Methoxychlor | ND | 2.15 | 7.15 | U |
| 53494-70-5 | Endrin ketone | ND | 1.43 | 1.43 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.43 | 1.43 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.709 | 0.709 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.709 | 0.709 | U |
| 8001-35-2 | Toxaphene | ND | 35.8 | 35.8 | U |
| 12674-11-2 | Aroclor-1016 | ND | 17.8 | 35.8 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B | File ID: | A23825.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 21:15 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 17.8 | 35.8 | U |
| 11141-16-5 | Aroclor-1232 | ND | 17.8 | 35.8 | U |
| 53469-21-9 | Aroclor-1242 | ND | 17.8 | 35.8 | U |
| 12672-29-6 | Aroclor-1248 | ND | 17.8 | 35.8 | U |
| 11097-69-1 | Aroclor-1254 | ND | 17.8 | 35.8 | U |
| 11096-82-5 | Aroclor-1260 | ND | 17.8 | 35.8 | U |
| 37324-23-5 | Aroclor-1262 | ND | 17.8 | 35.8 | U |
| 11100-14-4 | Aroclor-1268 | ND | 17.8 | 35.8 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 78.0% | 30-150 |
| Tetrachloro-m-xylene [2C] | 89.7% | 30-150 |
| Decachlorobiphenyl | 88.2% | 30-150 |
| Decachlorobiphenyl [2C] | 89.5% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B | File ID: | A23826.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 21:44 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.717 | 0.717 | U |
| 319-85-7 | beta-BHC | ND | 0.717 | 0.717 | U |
| 319-86-8 | delta-BHC | ND | 0.717 | 0.717 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.717 | 0.717 | U |
| 76-44-8 | Heptachlor | ND | 0.717 | 0.717 | U |
| 309-00-2 | Aldrin | ND | 0.717 | 0.717 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.717 | 0.717 | U |
| 959-98-8 | Endosulfan I | ND | 0.717 | 0.717 | U |
| 60-57-1 | Dieldrin | ND | 1.45 | 1.45 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.45 | 1.45 | U |
| 72-20-8 | Endrin | ND | 1.45 | 1.45 | U |
| 33213-65-9 | Endosulfan II | ND | 1.45 | 1.45 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.45 | 1.45 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.45 | 1.45 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.45 | 1.45 | U |
| 72-43-5 | Methoxychlor | ND | 2.17 | 7.24 | U |
| 53494-70-5 | Endrin ketone | ND | 1.45 | 1.45 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.45 | 1.45 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.717 | 0.717 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.717 | 0.717 | U |
| 8001-35-2 | Toxaphene | ND | 36.2 | 36.2 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.0 | 36.2 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B | File ID: | A23826.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 21:44 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.0 | 36.2 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.0 | 36.2 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.0 | 36.2 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.0 | 36.2 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.0 | 36.2 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.0 | 36.2 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.0 | 36.2 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.0 | 36.2 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 90.0% | 30-150 |
| Tetrachloro-m-xylene [2C] | 76.1% | 30-150 |
| Decachlorobiphenyl | 78.1% | 30-150 |
| Decachlorobiphenyl [2C] | 91.2% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B | File ID: | A23827.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 22:13 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.717 | 0.717 | U |
| 319-85-7 | beta-BHC | ND | 0.717 | 0.717 | U |
| 319-86-8 | delta-BHC | ND | 0.717 | 0.717 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.717 | 0.717 | U |
| 76-44-8 | Heptachlor | ND | 0.717 | 0.717 | U |
| 309-00-2 | Aldrin | ND | 0.717 | 0.717 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.717 | 0.717 | U |
| 959-98-8 | Endosulfan I | ND | 0.717 | 0.717 | U |
| 60-57-1 | Dieldrin | ND | 1.45 | 1.45 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.45 | 1.45 | U |
| 72-20-8 | Endrin | ND | 1.45 | 1.45 | U |
| 33213-65-9 | Endosulfan II | ND | 1.45 | 1.45 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.45 | 1.45 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.45 | 1.45 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.45 | 1.45 | U |
| 72-43-5 | Methoxychlor | ND | 2.17 | 7.24 | U |
| 53494-70-5 | Endrin ketone | ND | 1.45 | 1.45 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.45 | 1.45 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.717 | 0.717 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.717 | 0.717 | U |
| 8001-35-2 | Toxaphene | ND | 36.2 | 36.2 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.0 | 36.2 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B | File ID: | A23827.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 22:13 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.0 | 36.2 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.0 | 36.2 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.0 | 36.2 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.0 | 36.2 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.0 | 36.2 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.0 | 36.2 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.0 | 36.2 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.0 | 36.2 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 80.2% | 30-150 |
| Tetrachloro-m-xylene [2C] | 89.7% | 30-150 |
| Decachlorobiphenyl | 85.0% | 30-150 |
| Decachlorobiphenyl [2C] | 96.3% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B | File ID: | A23828.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 22:42 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.709 | 0.709 | U |
| 319-85-7 | beta-BHC | ND | 0.709 | 0.709 | U |
| 319-86-8 | delta-BHC | ND | 0.709 | 0.709 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.709 | 0.709 | U |
| 76-44-8 | Heptachlor | ND | 0.709 | 0.709 | U |
| 309-00-2 | Aldrin | ND | 0.709 | 0.709 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.709 | 0.709 | U |
| 959-98-8 | Endosulfan I | ND | 0.709 | 0.709 | U |
| 60-57-1 | Dieldrin | ND | 1.43 | 1.43 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.43 | 1.43 | U |
| 72-20-8 | Endrin | ND | 1.43 | 1.43 | U |
| 33213-65-9 | Endosulfan II | ND | 1.43 | 1.43 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.43 | 1.43 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.43 | 1.43 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.43 | 1.43 | U |
| 72-43-5 | Methoxychlor | ND | 2.15 | 7.15 | U |
| 53494-70-5 | Endrin ketone | ND | 1.43 | 1.43 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.43 | 1.43 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.709 | 0.709 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.709 | 0.709 | U |
| 8001-35-2 | Toxaphene | ND | 35.8 | 35.8 | U |
| 12674-11-2 | Aroclor-1016 | ND | 17.8 | 35.8 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B | File ID: | A23828.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 22:42 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 17.8 | 35.8 | U |
| 11141-16-5 | Aroclor-1232 | ND | 17.8 | 35.8 | U |
| 53469-21-9 | Aroclor-1242 | ND | 17.8 | 35.8 | U |
| 12672-29-6 | Aroclor-1248 | ND | 17.8 | 35.8 | U |
| 11097-69-1 | Aroclor-1254 | ND | 17.8 | 35.8 | U |
| 11096-82-5 | Aroclor-1260 | ND | 17.8 | 35.8 | U |
| 37324-23-5 | Aroclor-1262 | ND | 17.8 | 35.8 | U |
| 11100-14-4 | Aroclor-1268 | ND | 17.8 | 35.8 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 68.0% | 30-150 |
| Tetrachloro-m-xylene [2C] | 74.6% | 30-150 |
| Decachlorobiphenyl | 84.4% | 30-150 |
| Decachlorobiphenyl [2C] | 127% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B | File ID: | A23829.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 23:12 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.717 | 0.717 | U |
| 319-85-7 | beta-BHC | ND | 0.717 | 0.717 | U |
| 319-86-8 | delta-BHC | ND | 0.717 | 0.717 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.717 | 0.717 | U |
| 76-44-8 | Heptachlor | ND | 0.717 | 0.717 | U |
| 309-00-2 | Aldrin | ND | 0.717 | 0.717 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.717 | 0.717 | U |
| 959-98-8 | Endosulfan I | ND | 0.717 | 0.717 | U |
| 60-57-1 | Dieldrin | ND | 1.45 | 1.45 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.45 | 1.45 | U |
| 72-20-8 | Endrin | ND | 1.45 | 1.45 | U |
| 33213-65-9 | Endosulfan II | ND | 1.45 | 1.45 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.45 | 1.45 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.45 | 1.45 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.45 | 1.45 | U |
| 72-43-5 | Methoxychlor | ND | 2.17 | 7.24 | U |
| 53494-70-5 | Endrin ketone | ND | 1.45 | 1.45 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.45 | 1.45 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.717 | 0.717 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.717 | 0.717 | U |
| 8001-35-2 | Toxaphene | ND | 36.2 | 36.2 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.0 | 36.2 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B | File ID: | A23829.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 23:12 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.0 | 36.2 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.0 | 36.2 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.0 | 36.2 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.0 | 36.2 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.0 | 36.2 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.0 | 36.2 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.0 | 36.2 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.0 | 36.2 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 78.3% | 30-150 |
| Tetrachloro-m-xylene [2C] | 92.5% | 30-150 |
| Decachlorobiphenyl | 86.9% | 30-150 |
| Decachlorobiphenyl [2C] | 93.9% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 90.00 | Prep Method: | EPA 3550B | File ID: | A23830.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 23:41 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.733 | 0.733 | U |
| 319-85-7 | beta-BHC | ND | 0.733 | 0.733 | U |
| 319-86-8 | delta-BHC | ND | 0.733 | 0.733 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.733 | 0.733 | U |
| 76-44-8 | Heptachlor | ND | 0.733 | 0.733 | U |
| 309-00-2 | Aldrin | ND | 0.733 | 0.733 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.733 | 0.733 | U |
| 959-98-8 | Endosulfan I | ND | 0.733 | 0.733 | U |
| 60-57-1 | Dieldrin | ND | 1.48 | 1.48 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.48 | 1.48 | U |
| 72-20-8 | Endrin | ND | 1.48 | 1.48 | U |
| 33213-65-9 | Endosulfan II | ND | 1.48 | 1.48 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.48 | 1.48 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.48 | 1.48 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.48 | 1.48 | U |
| 72-43-5 | Methoxychlor | ND | 2.22 | 7.40 | U |
| 53494-70-5 | Endrin ketone | ND | 1.48 | 1.48 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.48 | 1.48 | U |
| 5103-71-9 | alpha-Chlordane [2C] | 2.48 | 0.733 | 0.733 | |
| 5566-34-7 | gamma-Chlordane | 2.93 | 0.733 | 0.733 | |
| 8001-35-2 | Toxaphene | ND | 37.0 | 37.0 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.4 | 37.0 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 90.00 | Prep Method: | EPA 3550B | File ID: | A23830.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1401 | Analyzed: | 12/14/16 23:41 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.4 | 37.0 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.4 | 37.0 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.4 | 37.0 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.4 | 37.0 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.4 | 37.0 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.4 | 37.0 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.4 | 37.0 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.4 | 37.0 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 54.5% | 30-150 |
| Tetrachloro-m-xylene [2C] | 59.0% | 30-150 |
| Decachlorobiphenyl | 52.0% | 30-150 |
| Decachlorobiphenyl [2C] | 70.8% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 89.30 | Prep Method: | EPA 3550B | File ID: | A23841.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 13:02 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.739 | 0.739 | U |
| 319-85-7 | beta-BHC | ND | 0.739 | 0.739 | U |
| 319-86-8 | delta-BHC | ND | 0.739 | 0.739 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.739 | 0.739 | U |
| 76-44-8 | Heptachlor | ND | 0.739 | 0.739 | U |
| 309-00-2 | Aldrin | ND | 0.739 | 0.739 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.739 | 0.739 | U |
| 959-98-8 | Endosulfan I | ND | 0.739 | 0.739 | U |
| 60-57-1 | Dieldrin | ND | 1.49 | 1.49 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.49 | 1.49 | U |
| 72-20-8 | Endrin | ND | 1.49 | 1.49 | U |
| 33213-65-9 | Endosulfan II | ND | 1.49 | 1.49 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.49 | 1.49 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.49 | 1.49 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.49 | 1.49 | U |
| 72-43-5 | Methoxychlor | ND | 2.24 | 7.46 | U |
| 53494-70-5 | Endrin ketone | ND | 1.49 | 1.49 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.49 | 1.49 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.739 | 0.739 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.739 | 0.739 | U |
| 8001-35-2 | Toxaphene | ND | 37.3 | 37.3 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.6 | 37.3 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 89.30 | Prep Method: | EPA 3550B | File ID: | A23841.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 13:02 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.6 | 37.3 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.6 | 37.3 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.6 | 37.3 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.6 | 37.3 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.6 | 37.3 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.6 | 37.3 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.6 | 37.3 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.6 | 37.3 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 78.0% | 30-150 |
| Tetrachloro-m-xylene [2C] | 105% | 30-150 |
| Decachlorobiphenyl | 91.5% | 30-150 |
| Decachlorobiphenyl [2C] | 87.5% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 90.10 | Prep Method: | EPA 3550B | File ID: | A23842.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 13:31 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.733 | 0.733 | U |
| 319-85-7 | beta-BHC | ND | 0.733 | 0.733 | U |
| 319-86-8 | delta-BHC | ND | 0.733 | 0.733 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.733 | 0.733 | U |
| 76-44-8 | Heptachlor | ND | 0.733 | 0.733 | U |
| 309-00-2 | Aldrin | ND | 0.733 | 0.733 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.733 | 0.733 | U |
| 959-98-8 | Endosulfan I | ND | 0.733 | 0.733 | U |
| 60-57-1 | Dieldrin | ND | 1.48 | 1.48 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.48 | 1.48 | U |
| 72-20-8 | Endrin | ND | 1.48 | 1.48 | U |
| 33213-65-9 | Endosulfan II | ND | 1.48 | 1.48 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.48 | 1.48 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.48 | 1.48 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.48 | 1.48 | U |
| 72-43-5 | Methoxychlor | ND | 2.22 | 7.39 | U |
| 53494-70-5 | Endrin ketone | ND | 1.48 | 1.48 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.48 | 1.48 | U |
| 5103-71-9 | alpha-Chlordane [2C] | 6.70 | 0.733 | 0.733 | |
| 5566-34-7 | gamma-Chlordane | 7.70 | 0.733 | 0.733 | |
| 8001-35-2 | Toxaphene | ND | 37.0 | 37.0 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.4 | 37.0 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 90.10 | Prep Method: | EPA 3550B | File ID: | A23842.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 13:31 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.4 | 37.0 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.4 | 37.0 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.4 | 37.0 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.4 | 37.0 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.4 | 37.0 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.4 | 37.0 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.4 | 37.0 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.4 | 37.0 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 70.6% | 30-150 |
| Tetrachloro-m-xylene [2C] | 85.9% | 30-150 |
| Decachlorobiphenyl | 82.3% | 30-150 |
| Decachlorobiphenyl [2C] | 115% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 3550B | File ID: | A23843.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 14:01 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.738 | 0.738 | U |
| 319-85-7 | beta-BHC | ND | 0.738 | 0.738 | U |
| 319-86-8 | delta-BHC | ND | 0.738 | 0.738 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.738 | 0.738 | U |
| 76-44-8 | Heptachlor | ND | 0.738 | 0.738 | U |
| 309-00-2 | Aldrin | ND | 0.738 | 0.738 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.738 | 0.738 | U |
| 959-98-8 | Endosulfan I | ND | 0.738 | 0.738 | U |
| 60-57-1 | Dieldrin | ND | 1.49 | 1.49 | U |
| 72-55-9 | 4,4'-DDE | 5.22 | 1.49 | 1.49 | |
| 72-20-8 | Endrin | ND | 1.49 | 1.49 | U |
| 33213-65-9 | Endosulfan II | ND | 1.49 | 1.49 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.49 | 1.49 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.49 | 1.49 | U |
| 50-29-3 | 4,4'-DDT | 11.3 | 1.49 | 1.49 | |
| 72-43-5 | Methoxychlor | ND | 2.24 | 7.45 | U |
| 53494-70-5 | Endrin ketone | ND | 1.49 | 1.49 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.49 | 1.49 | U |
| 5103-71-9 | alpha-Chlordane [2C] | 4.70 | 0.738 | 0.738 | |
| 5566-34-7 | gamma-Chlordane | ND | 0.738 | 0.738 | U |
| 8001-35-2 | Toxaphene | ND | 37.2 | 37.2 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.6 | 37.2 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 3550B | File ID: | A23843.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 14:01 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.6 | 37.2 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.6 | 37.2 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.6 | 37.2 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.6 | 37.2 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.6 | 37.2 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.6 | 37.2 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.6 | 37.2 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.6 | 37.2 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 80.4% | 30-150 |
| Tetrachloro-m-xylene [2C] | 107% | 30-150 |
| Decachlorobiphenyl | 106% | 30-150 |
| Decachlorobiphenyl [2C] | 122% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 3550B | File ID: | A23844.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 14:30 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.755 | 0.755 | U |
| 319-85-7 | beta-BHC | ND | 0.755 | 0.755 | U |
| 319-86-8 | delta-BHC | ND | 0.755 | 0.755 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.755 | 0.755 | U |
| 76-44-8 | Heptachlor | ND | 0.755 | 0.755 | U |
| 309-00-2 | Aldrin | ND | 0.755 | 0.755 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.755 | 0.755 | U |
| 959-98-8 | Endosulfan I | ND | 0.755 | 0.755 | U |
| 60-57-1 | Dieldrin | ND | 1.52 | 1.52 | U |
| 72-55-9 | 4,4'-DDE [2C] | 1.72 | 1.52 | 1.52 | |
| 72-20-8 | Endrin | ND | 1.52 | 1.52 | U |
| 33213-65-9 | Endosulfan II | ND | 1.52 | 1.52 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.52 | 1.52 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.52 | 1.52 | U |
| 50-29-3 | 4,4'-DDT | 6.10 | 1.52 | 1.52 | |
| 72-43-5 | Methoxychlor | ND | 2.29 | 7.62 | U |
| 53494-70-5 | Endrin ketone | ND | 1.52 | 1.52 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.52 | 1.52 | U |
| 5103-71-9 | alpha-Chlordane [2C] | 5.03 | 0.755 | 0.755 | |
| 5566-34-7 | gamma-Chlordane | 3.62 | 0.755 | 0.755 | |
| 8001-35-2 | Toxaphene | ND | 38.1 | 38.1 | U |
| 12674-11-2 | Aroclor-1016 | ND | 19.0 | 38.1 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 3550B | File ID: | A23844.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 14:30 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 19.0 | 38.1 | U |
| 11141-16-5 | Aroclor-1232 | ND | 19.0 | 38.1 | U |
| 53469-21-9 | Aroclor-1242 | ND | 19.0 | 38.1 | U |
| 12672-29-6 | Aroclor-1248 | ND | 19.0 | 38.1 | U |
| 11097-69-1 | Aroclor-1254 | ND | 19.0 | 38.1 | U |
| 11096-82-5 | Aroclor-1260 | ND | 19.0 | 38.1 | U |
| 37324-23-5 | Aroclor-1262 | ND | 19.0 | 38.1 | U |
| 11100-14-4 | Aroclor-1268 | ND | 19.0 | 38.1 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 71.5% | 30-150 |
| Tetrachloro-m-xylene [2C] | 93.4% | 30-150 |
| Decachlorobiphenyl | 77.7% | 30-150 |
| Decachlorobiphenyl [2C] | 106% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B | File ID: | A23845.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 15:00 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.702 | 0.702 | U |
| 319-85-7 | beta-BHC | ND | 0.702 | 0.702 | U |
| 319-86-8 | delta-BHC | ND | 0.702 | 0.702 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.702 | 0.702 | U |
| 76-44-8 | Heptachlor | ND | 0.702 | 0.702 | U |
| 309-00-2 | Aldrin | ND | 0.702 | 0.702 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.702 | 0.702 | U |
| 959-98-8 | Endosulfan I | ND | 0.702 | 0.702 | U |
| 60-57-1 | Dieldrin | ND | 1.41 | 1.41 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.41 | 1.41 | U |
| 72-20-8 | Endrin | ND | 1.41 | 1.41 | U |
| 33213-65-9 | Endosulfan II | ND | 1.41 | 1.41 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.41 | 1.41 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.41 | 1.41 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.41 | 1.41 | U |
| 72-43-5 | Methoxychlor | ND | 2.13 | 7.09 | U |
| 53494-70-5 | Endrin ketone | ND | 1.41 | 1.41 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.41 | 1.41 | U |
| 5103-71-9 | alpha-Chlordane [2C] | 2.16 | 0.702 | 0.702 | |
| 5566-34-7 | gamma-Chlordane [2C] | 2.45 | 0.702 | 0.702 | |
| 8001-35-2 | Toxaphene | ND | 35.4 | 35.4 | U |
| 12674-11-2 | Aroclor-1016 | ND | 17.7 | 35.4 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B | File ID: | A23845.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 15:00 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 17.7 | 35.4 | U |
| 11141-16-5 | Aroclor-1232 | ND | 17.7 | 35.4 | U |
| 53469-21-9 | Aroclor-1242 | ND | 17.7 | 35.4 | U |
| 12672-29-6 | Aroclor-1248 | ND | 17.7 | 35.4 | U |
| 11097-69-1 | Aroclor-1254 | ND | 17.7 | 35.4 | U |
| 11096-82-5 | Aroclor-1260 | ND | 17.7 | 35.4 | U |
| 37324-23-5 | Aroclor-1262 | ND | 17.7 | 35.4 | U |
| 11100-14-4 | Aroclor-1268 | ND | 17.7 | 35.4 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 85.5% | 30-150 |
| Tetrachloro-m-xylene [2C] | 103% | 30-150 |
| Decachlorobiphenyl | 92.7% | 30-150 |
| Decachlorobiphenyl [2C] | 104% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B | File ID: | A23846.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 15:29 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.709 | 0.709 | U |
| 319-85-7 | beta-BHC | ND | 0.709 | 0.709 | U |
| 319-86-8 | delta-BHC | ND | 0.709 | 0.709 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.709 | 0.709 | U |
| 76-44-8 | Heptachlor | ND | 0.709 | 0.709 | U |
| 309-00-2 | Aldrin | ND | 0.709 | 0.709 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.709 | 0.709 | U |
| 959-98-8 | Endosulfan I | ND | 0.709 | 0.709 | U |
| 60-57-1 | Dieldrin | ND | 1.43 | 1.43 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.43 | 1.43 | U |
| 72-20-8 | Endrin | ND | 1.43 | 1.43 | U |
| 33213-65-9 | Endosulfan II | ND | 1.43 | 1.43 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.43 | 1.43 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.43 | 1.43 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.43 | 1.43 | U |
| 72-43-5 | Methoxychlor | ND | 2.15 | 7.15 | U |
| 53494-70-5 | Endrin ketone | ND | 1.43 | 1.43 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.43 | 1.43 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.709 | 0.709 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.709 | 0.709 | U |
| 8001-35-2 | Toxaphene | ND | 35.8 | 35.8 | U |
| 12674-11-2 | Aroclor-1016 | ND | 17.8 | 35.8 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B | File ID: | A23846.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 15:29 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 17.8 | 35.8 | U |
| 11141-16-5 | Aroclor-1232 | ND | 17.8 | 35.8 | U |
| 53469-21-9 | Aroclor-1242 | ND | 17.8 | 35.8 | U |
| 12672-29-6 | Aroclor-1248 | ND | 17.8 | 35.8 | U |
| 11097-69-1 | Aroclor-1254 | ND | 17.8 | 35.8 | U |
| 11096-82-5 | Aroclor-1260 | ND | 17.8 | 35.8 | U |
| 37324-23-5 | Aroclor-1262 | ND | 17.8 | 35.8 | U |
| 11100-14-4 | Aroclor-1268 | ND | 17.8 | 35.8 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 80.6% | 30-150 |
| Tetrachloro-m-xylene [2C] | 99.5% | 30-150 |
| Decachlorobiphenyl | 87.5% | 30-150 |
| Decachlorobiphenyl [2C] | 127% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B | File ID: | A23847.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 15:58 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.702 | 0.702 | U |
| 319-85-7 | beta-BHC | ND | 0.702 | 0.702 | U |
| 319-86-8 | delta-BHC | ND | 0.702 | 0.702 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.702 | 0.702 | U |
| 76-44-8 | Heptachlor | ND | 0.702 | 0.702 | U |
| 309-00-2 | Aldrin | ND | 0.702 | 0.702 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.702 | 0.702 | U |
| 959-98-8 | Endosulfan I | ND | 0.702 | 0.702 | U |
| 60-57-1 | Dieldrin | ND | 1.41 | 1.41 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.41 | 1.41 | U |
| 72-20-8 | Endrin | ND | 1.41 | 1.41 | U |
| 33213-65-9 | Endosulfan II | ND | 1.41 | 1.41 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.41 | 1.41 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.41 | 1.41 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.41 | 1.41 | U |
| 72-43-5 | Methoxychlor | ND | 2.13 | 7.09 | U |
| 53494-70-5 | Endrin ketone | ND | 1.41 | 1.41 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.41 | 1.41 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.702 | 0.702 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.702 | 0.702 | U |
| 8001-35-2 | Toxaphene | ND | 35.4 | 35.4 | U |
| 12674-11-2 | Aroclor-1016 | ND | 17.7 | 35.4 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B | File ID: | A23847.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 15:58 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 17.7 | 35.4 | U |
| 11141-16-5 | Aroclor-1232 | ND | 17.7 | 35.4 | U |
| 53469-21-9 | Aroclor-1242 | ND | 17.7 | 35.4 | U |
| 12672-29-6 | Aroclor-1248 | ND | 17.7 | 35.4 | U |
| 11097-69-1 | Aroclor-1254 | ND | 17.7 | 35.4 | U |
| 11096-82-5 | Aroclor-1260 | ND | 17.7 | 35.4 | U |
| 37324-23-5 | Aroclor-1262 | ND | 17.7 | 35.4 | U |
| 11100-14-4 | Aroclor-1268 | ND | 17.7 | 35.4 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 80.1% | 30-150 |
| Tetrachloro-m-xylene [2C] | 98.6% | 30-150 |
| Decachlorobiphenyl | 91.7% | 30-150 |
| Decachlorobiphenyl [2C] | 99.3% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B | File ID: | A23848.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 16:28 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.688 | 0.688 | U |
| 319-85-7 | beta-BHC | ND | 0.688 | 0.688 | U |
| 319-86-8 | delta-BHC | ND | 0.688 | 0.688 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.688 | 0.688 | U |
| 76-44-8 | Heptachlor | ND | 0.688 | 0.688 | U |
| 309-00-2 | Aldrin | ND | 0.688 | 0.688 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.688 | 0.688 | U |
| 959-98-8 | Endosulfan I | ND | 0.688 | 0.688 | U |
| 60-57-1 | Dieldrin | ND | 1.39 | 1.39 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.39 | 1.39 | U |
| 72-20-8 | Endrin | ND | 1.39 | 1.39 | U |
| 33213-65-9 | Endosulfan II | ND | 1.39 | 1.39 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.39 | 1.39 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.39 | 1.39 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.39 | 1.39 | U |
| 72-43-5 | Methoxychlor | ND | 2.08 | 6.94 | U |
| 53494-70-5 | Endrin ketone | ND | 1.39 | 1.39 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.39 | 1.39 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.688 | 0.688 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.688 | 0.688 | U |
| 8001-35-2 | Toxaphene | ND | 34.7 | 34.7 | U |
| 12674-11-2 | Aroclor-1016 | ND | 17.3 | 34.7 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B | File ID: | A23848.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 16:28 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 17.3 | 34.7 | U |
| 11141-16-5 | Aroclor-1232 | ND | 17.3 | 34.7 | U |
| 53469-21-9 | Aroclor-1242 | ND | 17.3 | 34.7 | U |
| 12672-29-6 | Aroclor-1248 | ND | 17.3 | 34.7 | U |
| 11097-69-1 | Aroclor-1254 | ND | 17.3 | 34.7 | U |
| 11096-82-5 | Aroclor-1260 | ND | 17.3 | 34.7 | U |
| 37324-23-5 | Aroclor-1262 | ND | 17.3 | 34.7 | U |
| 11100-14-4 | Aroclor-1268 | ND | 17.3 | 34.7 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 83.0% | 30-150 |
| Tetrachloro-m-xylene [2C] | 99.7% | 30-150 |
| Decachlorobiphenyl | 88.9% | 30-150 |
| Decachlorobiphenyl [2C] | 95.9% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 3550B | File ID: | A23849.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 16:57 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.776 | 0.776 | U |
| 319-85-7 | beta-BHC | ND | 0.776 | 0.776 | U |
| 319-86-8 | delta-BHC | ND | 0.776 | 0.776 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.776 | 0.776 | U |
| 76-44-8 | Heptachlor | ND | 0.776 | 0.776 | U |
| 309-00-2 | Aldrin | ND | 0.776 | 0.776 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.776 | 0.776 | U |
| 959-98-8 | Endosulfan I | ND | 0.776 | 0.776 | U |
| 60-57-1 | Dieldrin | ND | 1.56 | 1.56 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.56 | 1.56 | U |
| 72-20-8 | Endrin | 20.7 | 1.56 | 1.56 | |
| 33213-65-9 | Endosulfan II | ND | 1.56 | 1.56 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.56 | 1.56 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.56 | 1.56 | U |
| 50-29-3 | 4,4'-DDT [2C] | 4.04 | 1.56 | 1.56 | |
| 72-43-5 | Methoxychlor | ND | 2.35 | 7.84 | U |
| 53494-70-5 | Endrin ketone | ND | 1.56 | 1.56 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.56 | 1.56 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.776 | 0.776 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.776 | 0.776 | U |
| 8001-35-2 | Toxaphene | ND | 39.2 | 39.2 | U |
| 12674-11-2 | Aroclor-1016 | ND | 19.5 | 39.2 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 3550B | File ID: | A23849.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 16:57 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 19.5 | 39.2 | U |
| 11141-16-5 | Aroclor-1232 | ND | 19.5 | 39.2 | U |
| 53469-21-9 | Aroclor-1242 | ND | 19.5 | 39.2 | U |
| 12672-29-6 | Aroclor-1248 | ND | 19.5 | 39.2 | U |
| 11097-69-1 | Aroclor-1254 | ND | 19.5 | 39.2 | U |
| 11096-82-5 | Aroclor-1260 | ND | 19.5 | 39.2 | U |
| 37324-23-5 | Aroclor-1262 | ND | 19.5 | 39.2 | U |
| 11100-14-4 | Aroclor-1268 | ND | 19.5 | 39.2 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 71.1% | 30-150 |
| Tetrachloro-m-xylene [2C] | 80.9% | 30-150 |
| Decachlorobiphenyl | 89.9% | 30-150 |
| Decachlorobiphenyl [2C] | 127% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B | File ID: | A23850.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 17:26 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.702 | 0.702 | U |
| 319-85-7 | beta-BHC | ND | 0.702 | 0.702 | U |
| 319-86-8 | delta-BHC | ND | 0.702 | 0.702 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.702 | 0.702 | U |
| 76-44-8 | Heptachlor | ND | 0.702 | 0.702 | U |
| 309-00-2 | Aldrin | ND | 0.702 | 0.702 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.702 | 0.702 | U |
| 959-98-8 | Endosulfan I | ND | 0.702 | 0.702 | U |
| 60-57-1 | Dieldrin | ND | 1.41 | 1.41 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.41 | 1.41 | U |
| 72-20-8 | Endrin | ND | 1.41 | 1.41 | U |
| 33213-65-9 | Endosulfan II | ND | 1.41 | 1.41 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.41 | 1.41 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.41 | 1.41 | U |
| 50-29-3 | 4,4'-DDT | ND | 1.41 | 1.41 | U |
| 72-43-5 | Methoxychlor | ND | 2.13 | 7.09 | U |
| 53494-70-5 | Endrin ketone | ND | 1.41 | 1.41 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.41 | 1.41 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.702 | 0.702 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.702 | 0.702 | U |
| 8001-35-2 | Toxaphene | ND | 35.4 | 35.4 | U |
| 12674-11-2 | Aroclor-1016 | ND | 17.7 | 35.4 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B | File ID: | A23850.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 17:26 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 17.7 | 35.4 | U |
| 11141-16-5 | Aroclor-1232 | ND | 17.7 | 35.4 | U |
| 53469-21-9 | Aroclor-1242 | ND | 17.7 | 35.4 | U |
| 12672-29-6 | Aroclor-1248 | ND | 17.7 | 35.4 | U |
| 11097-69-1 | Aroclor-1254 | ND | 17.7 | 35.4 | U |
| 11096-82-5 | Aroclor-1260 | ND | 17.7 | 35.4 | U |
| 37324-23-5 | Aroclor-1262 | ND | 17.7 | 35.4 | U |
| 11100-14-4 | Aroclor-1268 | ND | 17.7 | 35.4 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 81.6% | 30-150 |
| Tetrachloro-m-xylene [2C] | 95.7% | 30-150 |
| Decachlorobiphenyl | 83.5% | 30-150 |
| Decachlorobiphenyl [2C] | 95.2% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 3550B | File ID: | A23851.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 17:55 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.701 | 0.701 | U |
| 319-85-7 | beta-BHC | ND | 0.701 | 0.701 | U |
| 319-86-8 | delta-BHC | ND | 0.701 | 0.701 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.701 | 0.701 | U |
| 76-44-8 | Heptachlor | ND | 0.701 | 0.701 | U |
| 309-00-2 | Aldrin | ND | 0.701 | 0.701 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.701 | 0.701 | U |
| 959-98-8 | Endosulfan I | ND | 0.701 | 0.701 | U |
| 60-57-1 | Dieldrin | ND | 1.41 | 1.41 | U |
| 72-55-9 | 4,4'-DDE | ND | 1.41 | 1.41 | U |
| 72-20-8 | Endrin [2C] | 12.9 | 1.41 | 1.41 | |
| 33213-65-9 | Endosulfan II | ND | 1.41 | 1.41 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.41 | 1.41 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.41 | 1.41 | U |
| 50-29-3 | 4,4'-DDT | 2.76 | 1.41 | 1.41 | |
| 72-43-5 | Methoxychlor | ND | 2.12 | 7.07 | U |
| 53494-70-5 | Endrin ketone | ND | 1.41 | 1.41 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.41 | 1.41 | U |
| 5103-71-9 | alpha-Chlordane | ND | 0.701 | 0.701 | U |
| 5566-34-7 | gamma-Chlordane | ND | 0.701 | 0.701 | U |
| 8001-35-2 | Toxaphene | ND | 35.4 | 35.4 | U |
| 12674-11-2 | Aroclor-1016 | ND | 17.6 | 35.4 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/14/16 09:55 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 3550B | File ID: | A23851.D |
| Prep Batch: | B6L1409 | Sequence: | S6L1501 | Analyzed: | 12/15/16 17:55 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 17.6 | 35.4 | U |
| 11141-16-5 | Aroclor-1232 | ND | 17.6 | 35.4 | U |
| 53469-21-9 | Aroclor-1242 | ND | 17.6 | 35.4 | U |
| 12672-29-6 | Aroclor-1248 | ND | 17.6 | 35.4 | U |
| 11097-69-1 | Aroclor-1254 | ND | 17.6 | 35.4 | U |
| 11096-82-5 | Aroclor-1260 | ND | 17.6 | 35.4 | U |
| 37324-23-5 | Aroclor-1262 | ND | 17.6 | 35.4 | U |
| 11100-14-4 | Aroclor-1268 | ND | 17.6 | 35.4 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 89.3% | 30-150 |
| Tetrachloro-m-xylene [2C] | 98.4% | 30-150 |
| Decachlorobiphenyl | 102% | 30-150 |
| Decachlorobiphenyl [2C] | 123% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/12/16 08:26 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 3550B | File ID: | A23792.D |
| Prep Batch: | B6L1202 | Sequence: | S6L1301 | Analyzed: | 12/13/16 16:25 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 9.31 | 9.31 | U |
| 319-85-7 | beta-BHC | ND | 9.31 | 9.31 | U |
| 319-86-8 | delta-BHC | ND | 9.31 | 9.31 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 9.31 | 9.31 | U |
| 76-44-8 | Heptachlor | ND | 9.31 | 9.31 | U |
| 309-00-2 | Aldrin | ND | 9.31 | 9.31 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 9.31 | 9.31 | U |
| 959-98-8 | Endosulfan I | ND | 9.31 | 9.31 | U |
| 60-57-1 | Dieldrin | ND | 18.8 | 18.8 | U |
| 72-55-9 | 4,4'-DDE | ND | 18.8 | 18.8 | U |
| 72-20-8 | Endrin | ND | 18.8 | 18.8 | U |
| 33213-65-9 | Endosulfan II | ND | 18.8 | 18.8 | U |
| 72-54-8 | 4,4'-DDD | ND | 18.8 | 18.8 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 18.8 | 18.8 | U |
| 50-29-3 | 4,4'-DDT [2C] | 22.1 | 18.8 | 18.8 | |
| 72-43-5 | Methoxychlor | ND | 28.2 | 93.9 | U |
| 53494-70-5 | Endrin ketone | ND | 18.8 | 18.8 | U |
| 7421-93-4 | Endrin aldehyde | ND | 18.8 | 18.8 | U |
| 5103-71-9 | alpha-Chlordane | ND | 9.31 | 9.31 | U |
| 5566-34-7 | gamma-Chlordane | ND | 9.31 | 9.31 | U |
| 8001-35-2 | Toxaphene | ND | 470 | 470 | U |
| 12674-11-2 | Aroclor-1016 | ND | 234 | 470 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/12/16 08:26 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 3550B | File ID: | A23792.D |
| Prep Batch: | B6L1202 | Sequence: | S6L1301 | Analyzed: | 12/13/16 16:25 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 234 | 470 | U |
| 11141-16-5 | Aroclor-1232 | ND | 234 | 470 | U |
| 53469-21-9 | Aroclor-1242 | ND | 234 | 470 | U |
| 12672-29-6 | Aroclor-1248 | ND | 234 | 470 | U |
| 11097-69-1 | Aroclor-1254 | ND | 234 | 470 | U |
| 11096-82-5 | Aroclor-1260 | ND | 234 | 470 | U |
| 37324-23-5 | Aroclor-1262 | ND | 234 | 470 | U |
| 11100-14-4 | Aroclor-1268 | ND | 234 | 470 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 66.2% | 30-150 |
| Tetrachloro-m-xylene [2C] | 73.4% | 30-150 |
| Decachlorobiphenyl | 58.6% | 30-150 |
| Decachlorobiphenyl [2C] | 90.8% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/12/16 08:26 | Matrix: | Soil |
| Percent Solids: | 89.10 | Prep Method: | EPA 3550B | File ID: | A23793.D |
| Prep Batch: | B6L1202 | Sequence: | S6L1301 | Analyzed: | 12/13/16 16:54 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 319-84-6 | alpha-BHC | ND | 0.741 | 0.741 | U |
| 319-85-7 | beta-BHC | ND | 0.741 | 0.741 | U |
| 319-86-8 | delta-BHC | ND | 0.741 | 0.741 | U |
| 58-89-9 | gamma-BHC [Lindane] | ND | 0.741 | 0.741 | U |
| 76-44-8 | Heptachlor | ND | 0.741 | 0.741 | U |
| 309-00-2 | Aldrin | ND | 0.741 | 0.741 | U |
| 1024-57-3 | Heptachlor Epoxide | ND | 0.741 | 0.741 | U |
| 959-98-8 | Endosulfan I | ND | 0.741 | 0.741 | U |
| 60-57-1 | Dieldrin | ND | 1.49 | 1.49 | U |
| 72-55-9 | 4,4'-DDE [2C] | 2.21 | 1.49 | 1.49 | |
| 72-20-8 | Endrin | ND | 1.49 | 1.49 | U |
| 33213-65-9 | Endosulfan II | ND | 1.49 | 1.49 | U |
| 72-54-8 | 4,4'-DDD | ND | 1.49 | 1.49 | U |
| 1031-07-8 | Endosulfan sulfate | ND | 1.49 | 1.49 | U |
| 50-29-3 | 4,4'-DDT | 4.23 | 1.49 | 1.49 | |
| 72-43-5 | Methoxychlor | ND | 2.24 | 7.47 | U |
| 53494-70-5 | Endrin ketone | ND | 1.49 | 1.49 | U |
| 7421-93-4 | Endrin aldehyde | ND | 1.49 | 1.49 | U |
| 5103-71-9 | alpha-Chlordane [2C] | 6.32 | 0.741 | 0.741 | |
| 5566-34-7 | gamma-Chlordane | 4.26 | 0.741 | 0.741 | |
| 8001-35-2 | Toxaphene | ND | 37.4 | 37.4 | U |
| 12674-11-2 | Aroclor-1016 | ND | 18.6 | 37.4 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8081/8082

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/12/16 08:26 | Matrix: | Soil |
| Percent Solids: | 89.10 | Prep Method: | EPA 3550B | File ID: | A23793.D |
| Prep Batch: | B6L1202 | Sequence: | S6L1301 | Analyzed: | 12/13/16 16:54 |
| Dilution: | 1 | | | Analyst: | JAM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 11104-28-2 | Aroclor-1221 | ND | 18.6 | 37.4 | U |
| 11141-16-5 | Aroclor-1232 | ND | 18.6 | 37.4 | U |
| 53469-21-9 | Aroclor-1242 | ND | 18.6 | 37.4 | U |
| 12672-29-6 | Aroclor-1248 | ND | 18.6 | 37.4 | U |
| 11097-69-1 | Aroclor-1254 | ND | 18.6 | 37.4 | U |
| 11096-82-5 | Aroclor-1260 | ND | 18.6 | 37.4 | U |
| 37324-23-5 | Aroclor-1262 | ND | 18.6 | 37.4 | U |
| 11100-14-4 | Aroclor-1268 | ND | 18.6 | 37.4 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| Tetrachloro-m-xylene | 74.6% | 30-150 |
| Tetrachloro-m-xylene [2C] | 91.0% | 30-150 |
| Decachlorobiphenyl | 71.2% | 30-150 |
| Decachlorobiphenyl [2C] | 100% | 30-150 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# SEMIVOLATILES

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 91.30 | Prep Method: | EPA 3550B GCMS | File ID: | B4387.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 15:24 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 36.5 | 183 | U |
| 108-95-2 | Phenol | ND | 36.5 | 183 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 36.5 | 183 | U |
| 95-57-8 | 2-Chlorophenol | ND | 36.5 | 183 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 36.5 | 183 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 36.5 | 183 | U |
| 100-51-6 | Benzyl alcohol | ND | 36.5 | 183 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 36.5 | 183 | U |
| 95-48-7 | 2-Methylphenol | ND | 36.5 | 183 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 36.5 | 183 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 36.5 | 183 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 36.5 | 183 | U |
| 67-72-1 | Hexachloroethane | ND | 36.5 | 183 | U |
| 98-95-3 | Nitrobenzene | ND | 36.5 | 183 | U |
| 78-59-1 | Isophorone | ND | 36.5 | 183 | U |
| 88-75-5 | 2-Nitrophenol | ND | 36.5 | 183 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 36.5 | 183 | U |
| 65-85-0 | Benzoic acid | ND | 90.9 | 365 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 36.5 | 183 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 36.5 | 183 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 36.5 | 183 | U |
| 91-20-3 | Naphthalene | ND | 36.5 | 183 | U |
| 106-47-8 | 4-Chloroaniline | ND | 36.5 | 183 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 36.5 | 183 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 36.5 | 183 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 36.5 | 183 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 91.30 | Prep Method: | EPA 3550B GCMS | File ID: | B4387.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 15:24 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 36.5 | 183 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 36.5 | 183 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 36.5 | 183 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 36.5 | 183 | U |
| 88-74-4 | 2-Nitroaniline | ND | 36.5 | 183 | U |
| 131-11-3 | Dimethylphthalate | ND | 36.5 | 183 | U |
| 208-96-8 | Acenaphthylene | ND | 36.5 | 183 | U |
| 99-09-2 | 3-Nitroaniline | ND | 36.5 | 183 | U |
| 83-32-9 | Acenaphthene | ND | 36.5 | 183 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 36.5 | 365 | U |
| 100-02-7 | 4-Nitrophenol | ND | 36.5 | 183 | U |
| 132-64-9 | Dibenzofuran | ND | 36.5 | 183 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 36.5 | 183 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 36.5 | 183 | U |
| 84-66-2 | Diethyl phthalate | ND | 36.5 | 183 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 36.5 | 183 | U |
| 86-73-7 | Fluorene | ND | 36.5 | 183 | U |
| 100-01-6 | 4-Nitroaniline | ND | 36.5 | 183 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 36.5 | 183 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 36.5 | 183 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 36.5 | 183 | U |
| 118-74-1 | Hexachlorobenzene | ND | 36.5 | 183 | U |
| 87-86-5 | Pentachlorophenol | ND | 36.5 | 183 | U |
| 85-01-8 | Phenanthrene | ND | 36.5 | 183 | U |
| 120-12-7 | Anthracene | ND | 36.5 | 183 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 36.5 | 183 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 91.30 | Prep Method: | EPA 3550B GCMS | File ID: | B4387.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 15:24 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | ND | 36.5 | 183 | U |
| 129-00-0 | Pyrene | ND | 36.5 | 183 | U |
| 85-68-7 | Butylbenzylphthalate | ND | 36.5 | 183 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 90.9 | 183 | U |
| 56-55-3 | Benzo[a]anthracene | ND | 36.5 | 183 | U |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 36.5 | 183 | U |
| 218-01-9 | Chrysene | ND | 36.5 | 183 | U |
| 117-84-0 | Di-n-octyl phthalate | ND | 36.5 | 183 | U |
| 205-99-2 | Benzo[b]fluoranthene | ND | 36.5 | 183 | U |
| 207-08-9 | Benzo[k]fluoranthene | ND | 36.5 | 183 | U |
| 50-32-8 | Benzo[a]pyrene | ND | 36.5 | 183 | U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 36.5 | 183 | U |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 36.5 | 183 | U |
| 191-24-2 | Benzo[ghi]perylene | ND | 36.5 | 183 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 54% | 30-130 |
| Phenol-d5 | 61% | 30-130 |
| Nitrobenzene-d5 | 75% | 30-130 |
| 2-Fluorobiphenyl | 91% | 30-130 |
| 2,4,6-Tribromophenol | 98% | 30-130 |
| Terphenyl-d14 | 129% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14873.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/16/16 19:44 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 34.7 | 174 | U |
| 108-95-2 | Phenol | ND | 34.7 | 174 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 34.7 | 174 | U |
| 95-57-8 | 2-Chlorophenol | ND | 34.7 | 174 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 34.7 | 174 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 34.7 | 174 | U |
| 100-51-6 | Benzyl alcohol | ND | 34.7 | 174 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 34.7 | 174 | U |
| 95-48-7 | 2-Methylphenol | ND | 34.7 | 174 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 34.7 | 174 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 34.7 | 174 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 34.7 | 174 | U |
| 67-72-1 | Hexachloroethane | ND | 34.7 | 174 | U |
| 98-95-3 | Nitrobenzene | ND | 34.7 | 174 | U |
| 78-59-1 | Isophorone | ND | 34.7 | 174 | U |
| 88-75-5 | 2-Nitrophenol | ND | 34.7 | 174 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 34.7 | 174 | U |
| 65-85-0 | Benzoic acid | ND | 86.5 | 347 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 34.7 | 174 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 34.7 | 174 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 34.7 | 174 | U |
| 91-20-3 | Naphthalene | ND | 34.7 | 174 | U |
| 106-47-8 | 4-Chloroaniline | ND | 34.7 | 174 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 34.7 | 174 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 34.7 | 174 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 34.7 | 174 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14873.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/16/16 19:44 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 34.7 | 174 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 34.7 | 174 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 34.7 | 174 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 34.7 | 174 | U |
| 88-74-4 | 2-Nitroaniline | ND | 34.7 | 174 | U |
| 131-11-3 | Dimethylphthalate | ND | 34.7 | 174 | U |
| 208-96-8 | Acenaphthylene | ND | 34.7 | 174 | U |
| 99-09-2 | 3-Nitroaniline | ND | 34.7 | 174 | U |
| 83-32-9 | Acenaphthene | ND | 34.7 | 174 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 34.7 | 347 | U |
| 100-02-7 | 4-Nitrophenol | ND | 34.7 | 174 | U |
| 132-64-9 | Dibenzofuran | ND | 34.7 | 174 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 34.7 | 174 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 34.7 | 174 | U |
| 84-66-2 | Diethyl phthalate | ND | 34.7 | 174 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 34.7 | 174 | U |
| 86-73-7 | Fluorene | ND | 34.7 | 174 | U |
| 100-01-6 | 4-Nitroaniline | ND | 34.7 | 174 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 34.7 | 174 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 34.7 | 174 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 34.7 | 174 | U |
| 118-74-1 | Hexachlorobenzene | ND | 34.7 | 174 | U |
| 87-86-5 | Pentachlorophenol | ND | 34.7 | 174 | U |
| 85-01-8 | Phenanthrene | ND | 34.7 | 174 | U |
| 120-12-7 | Anthracene | ND | 34.7 | 174 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 34.7 | 174 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14873.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/16/16 19:44 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | ND | 34.7 | 174 | U |
| 129-00-0 | Pyrene | ND | 34.7 | 174 | U |
| 85-68-7 | Butylbenzylphthalate | ND | 34.7 | 174 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 86.5 | 174 | U |
| 56-55-3 | Benzo[a]anthracene | ND | 34.7 | 174 | U |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 34.7 | 174 | U |
| 218-01-9 | Chrysene | ND | 34.7 | 174 | U |
| 117-84-0 | Di-n-octyl phthalate | ND | 34.7 | 174 | U |
| 205-99-2 | Benzo[b]fluoranthene | ND | 34.7 | 174 | U |
| 207-08-9 | Benzo[k]fluoranthene | ND | 34.7 | 174 | U |
| 50-32-8 | Benzo[a]pyrene | ND | 34.7 | 174 | U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 34.7 | 174 | U |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 34.7 | 174 | U |
| 191-24-2 | Benzo[ghi]perylene | ND | 34.7 | 174 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 66% | 30-130 |
| Phenol-d5 | 73% | 30-130 |
| Nitrobenzene-d5 | 82% | 30-130 |
| 2-Fluorobiphenyl | 89% | 30-130 |
| 2,4,6-Tribromophenol | 74% | 30-130 |
| Terphenyl-d14 | 117% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 91.10 | Prep Method: | EPA 3550B GCMS | File ID: | F14872.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/16/16 19:00 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 36.6 | 183 | U |
| 108-95-2 | Phenol | ND | 36.6 | 183 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 36.6 | 183 | U |
| 95-57-8 | 2-Chlorophenol | ND | 36.6 | 183 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 36.6 | 183 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 36.6 | 183 | U |
| 100-51-6 | Benzyl alcohol | ND | 36.6 | 183 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 36.6 | 183 | U |
| 95-48-7 | 2-Methylphenol | ND | 36.6 | 183 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 36.6 | 183 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 36.6 | 183 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 36.6 | 183 | U |
| 67-72-1 | Hexachloroethane | ND | 36.6 | 183 | U |
| 98-95-3 | Nitrobenzene | ND | 36.6 | 183 | U |
| 78-59-1 | Isophorone | ND | 36.6 | 183 | U |
| 88-75-5 | 2-Nitrophenol | ND | 36.6 | 183 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 36.6 | 183 | U |
| 65-85-0 | Benzoic acid | ND | 91.1 | 366 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 36.6 | 183 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 36.6 | 183 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 36.6 | 183 | U |
| 91-20-3 | Naphthalene | ND | 36.6 | 183 | U |
| 106-47-8 | 4-Chloroaniline | ND | 36.6 | 183 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 36.6 | 183 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 36.6 | 183 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 36.6 | 183 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 91.10 | Prep Method: | EPA 3550B GCMS | File ID: | F14872.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/16/16 19:00 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 36.6 | 183 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 36.6 | 183 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 36.6 | 183 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 36.6 | 183 | U |
| 88-74-4 | 2-Nitroaniline | ND | 36.6 | 183 | U |
| 131-11-3 | Dimethylphthalate | ND | 36.6 | 183 | U |
| 208-96-8 | Acenaphthylene | ND | 36.6 | 183 | U |
| 99-09-2 | 3-Nitroaniline | ND | 36.6 | 183 | U |
| 83-32-9 | Acenaphthene | ND | 36.6 | 183 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 36.6 | 366 | U |
| 100-02-7 | 4-Nitrophenol | ND | 36.6 | 183 | U |
| 132-64-9 | Dibenzofuran | ND | 36.6 | 183 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 36.6 | 183 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 36.6 | 183 | U |
| 84-66-2 | Diethyl phthalate | ND | 36.6 | 183 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 36.6 | 183 | U |
| 86-73-7 | Fluorene | ND | 36.6 | 183 | U |
| 100-01-6 | 4-Nitroaniline | ND | 36.6 | 183 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 36.6 | 183 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 36.6 | 183 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 36.6 | 183 | U |
| 118-74-1 | Hexachlorobenzene | ND | 36.6 | 183 | U |
| 87-86-5 | Pentachlorophenol | ND | 36.6 | 183 | U |
| 85-01-8 | Phenanthrene | ND | 36.6 | 183 | U |
| 120-12-7 | Anthracene | ND | 36.6 | 183 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 36.6 | 183 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 91.10 | Prep Method: | EPA 3550B GCMS | File ID: | F14872.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/16/16 19:00 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | ND | 36.6 | 183 | U |
| 129-00-0 | Pyrene | ND | 36.6 | 183 | U |
| 85-68-7 | Butylbenzylphthalate | ND | 36.6 | 183 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 91.1 | 183 | U |
| 56-55-3 | Benzo[a]anthracene | ND | 36.6 | 183 | U |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 36.6 | 183 | U |
| 218-01-9 | Chrysene | ND | 36.6 | 183 | U |
| 117-84-0 | Di-n-octyl phthalate | ND | 36.6 | 183 | U |
| 205-99-2 | Benzo[b]fluoranthene | ND | 36.6 | 183 | U |
| 207-08-9 | Benzo[k]fluoranthene | ND | 36.6 | 183 | U |
| 50-32-8 | Benzo[a]pyrene | ND | 36.6 | 183 | U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 36.6 | 183 | U |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 36.6 | 183 | U |
| 191-24-2 | Benzo[ghi]perylene | ND | 36.6 | 183 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 69% | 30-130 |
| Phenol-d5 | 74% | 30-130 |
| Nitrobenzene-d5 | 86% | 30-130 |
| 2-Fluorobiphenyl | 90% | 30-130 |
| 2,4,6-Tribromophenol | 72% | 30-130 |
| Terphenyl-d14 | 109% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | F14845.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 19:06 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 35.8 | 179 | U |
| 108-95-2 | Phenol | ND | 35.8 | 179 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 35.8 | 179 | U |
| 95-57-8 | 2-Chlorophenol | ND | 35.8 | 179 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 35.8 | 179 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 35.8 | 179 | U |
| 100-51-6 | Benzyl alcohol | ND | 35.8 | 179 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 35.8 | 179 | U |
| 95-48-7 | 2-Methylphenol | ND | 35.8 | 179 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 35.8 | 179 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 35.8 | 179 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 35.8 | 179 | U |
| 67-72-1 | Hexachloroethane | ND | 35.8 | 179 | U |
| 98-95-3 | Nitrobenzene | ND | 35.8 | 179 | U |
| 78-59-1 | Isophorone | ND | 35.8 | 179 | U |
| 88-75-5 | 2-Nitrophenol | ND | 35.8 | 179 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 35.8 | 179 | U |
| 65-85-0 | Benzoic acid | ND | 89.2 | 358 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 35.8 | 179 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 35.8 | 179 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 35.8 | 179 | U |
| 91-20-3 | Naphthalene | ND | 35.8 | 179 | U |
| 106-47-8 | 4-Chloroaniline | ND | 35.8 | 179 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 35.8 | 179 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 35.8 | 179 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 35.8 | 179 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | F14845.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 19:06 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 35.8 | 179 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 35.8 | 179 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 35.8 | 179 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 35.8 | 179 | U |
| 88-74-4 | 2-Nitroaniline | ND | 35.8 | 179 | U |
| 131-11-3 | Dimethylphthalate | ND | 35.8 | 179 | U |
| 208-96-8 | Acenaphthylene | ND | 35.8 | 179 | U |
| 99-09-2 | 3-Nitroaniline | ND | 35.8 | 179 | U |
| 83-32-9 | Acenaphthene | ND | 35.8 | 179 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 35.8 | 358 | U |
| 100-02-7 | 4-Nitrophenol | ND | 35.8 | 179 | U |
| 132-64-9 | Dibenzofuran | ND | 35.8 | 179 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35.8 | 179 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35.8 | 179 | U |
| 84-66-2 | Diethyl phthalate | ND | 35.8 | 179 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 35.8 | 179 | U |
| 86-73-7 | Fluorene | ND | 35.8 | 179 | U |
| 100-01-6 | 4-Nitroaniline | ND | 35.8 | 179 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 35.8 | 179 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 35.8 | 179 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 35.8 | 179 | U |
| 118-74-1 | Hexachlorobenzene | ND | 35.8 | 179 | U |
| 87-86-5 | Pentachlorophenol | ND | 35.8 | 179 | U |
| 85-01-8 | Phenanthrene | ND | 35.8 | 179 | U |
| 120-12-7 | Anthracene | ND | 35.8 | 179 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 35.8 | 179 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | F14845.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 19:06 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | ND | 35.8 | 179 | U |
| 129-00-0 | Pyrene | ND | 35.8 | 179 | U |
| 85-68-7 | Butylbenzylphthalate | ND | 35.8 | 179 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 89.2 | 179 | U |
| 56-55-3 | Benzo[a]anthracene | ND | 35.8 | 179 | U |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 35.8 | 179 | U |
| 218-01-9 | Chrysene | ND | 35.8 | 179 | U |
| 117-84-0 | Di-n-octyl phthalate | ND | 35.8 | 179 | U |
| 205-99-2 | Benzo[b]fluoranthene | ND | 35.8 | 179 | U |
| 207-08-9 | Benzo[k]fluoranthene | ND | 35.8 | 179 | U |
| 50-32-8 | Benzo[a]pyrene | ND | 35.8 | 179 | U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 35.8 | 179 | U |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 35.8 | 179 | U |
| 191-24-2 | Benzo[ghi]perylene | ND | 35.8 | 179 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 53% | 30-130 |
| Phenol-d5 | 58% | 30-130 |
| Nitrobenzene-d5 | 62% | 30-130 |
| 2-Fluorobiphenyl | 66% | 30-130 |
| 2,4,6-Tribromophenol | 56% | 30-130 |
| Terphenyl-d14 | 79% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4386.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 14:40 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 36.2 | 182 | U |
| 108-95-2 | Phenol | ND | 36.2 | 182 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 36.2 | 182 | U |
| 95-57-8 | 2-Chlorophenol | ND | 36.2 | 182 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 36.2 | 182 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 36.2 | 182 | U |
| 100-51-6 | Benzyl alcohol | ND | 36.2 | 182 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 36.2 | 182 | U |
| 95-48-7 | 2-Methylphenol | ND | 36.2 | 182 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 36.2 | 182 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 36.2 | 182 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 36.2 | 182 | U |
| 67-72-1 | Hexachloroethane | ND | 36.2 | 182 | U |
| 98-95-3 | Nitrobenzene | ND | 36.2 | 182 | U |
| 78-59-1 | Isophorone | ND | 36.2 | 182 | U |
| 88-75-5 | 2-Nitrophenol | ND | 36.2 | 182 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 36.2 | 182 | U |
| 65-85-0 | Benzoic acid | ND | 90.2 | 362 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 36.2 | 182 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 36.2 | 182 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 36.2 | 182 | U |
| 91-20-3 | Naphthalene | ND | 36.2 | 182 | U |
| 106-47-8 | 4-Chloroaniline | ND | 36.2 | 182 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 36.2 | 182 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 36.2 | 182 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 36.2 | 182 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4386.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 14:40 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 36.2 | 182 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 36.2 | 182 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 36.2 | 182 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 36.2 | 182 | U |
| 88-74-4 | 2-Nitroaniline | ND | 36.2 | 182 | U |
| 131-11-3 | Dimethylphthalate | ND | 36.2 | 182 | U |
| 208-96-8 | Acenaphthylene | ND | 36.2 | 182 | U |
| 99-09-2 | 3-Nitroaniline | ND | 36.2 | 182 | U |
| 83-32-9 | Acenaphthene | ND | 36.2 | 182 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 36.2 | 362 | U |
| 100-02-7 | 4-Nitrophenol | ND | 36.2 | 182 | U |
| 132-64-9 | Dibenzofuran | ND | 36.2 | 182 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 36.2 | 182 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 36.2 | 182 | U |
| 84-66-2 | Diethyl phthalate | ND | 36.2 | 182 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 36.2 | 182 | U |
| 86-73-7 | Fluorene | ND | 36.2 | 182 | U |
| 100-01-6 | 4-Nitroaniline | ND | 36.2 | 182 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 36.2 | 182 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 36.2 | 182 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 36.2 | 182 | U |
| 118-74-1 | Hexachlorobenzene | ND | 36.2 | 182 | U |
| 87-86-5 | Pentachlorophenol | ND | 36.2 | 182 | U |
| 85-01-8 | Phenanthrene | 99.2 | 36.2 | 182 | J |
| 120-12-7 | Anthracene | ND | 36.2 | 182 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 36.2 | 182 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4386.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 14:40 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 212 | 36.2 | 182 | |
| 129-00-0 | Pyrene | 274 | 36.2 | 182 | |
| 85-68-7 | Butylbenzylphthalate | ND | 36.2 | 182 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 90.2 | 182 | U |
| 56-55-3 | Benzo[a]anthracene | 113 | 36.2 | 182 | J |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 36.2 | 182 | U |
| 218-01-9 | Chrysene | 162 | 36.2 | 182 | J |
| 117-84-0 | Di-n-octyl phthalate | ND | 36.2 | 182 | U |
| 205-99-2 | Benzo[b]fluoranthene | 191 | 36.2 | 182 | |
| 207-08-9 | Benzo[k]fluoranthene | 68.6 | 36.2 | 182 | J |
| 50-32-8 | Benzo[a]pyrene | 85.4 | 36.2 | 182 | J |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 39.1 | 36.2 | 182 | J |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 36.2 | 182 | U |
| 191-24-2 | Benzo[ghi]perylene | 41.1 | 36.2 | 182 | J |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 56% | 30-130 |
| Phenol-d5 | 60% | 30-130 |
| Nitrobenzene-d5 | 74% | 30-130 |
| 2-Fluorobiphenyl | 85% | 30-130 |
| 2,4,6-Tribromophenol | 89% | 30-130 |
| Terphenyl-d14 | 107% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4391.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 18:17 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 36.2 | 182 | U |
| 108-95-2 | Phenol | ND | 36.2 | 182 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 36.2 | 182 | U |
| 95-57-8 | 2-Chlorophenol | ND | 36.2 | 182 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 36.2 | 182 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 36.2 | 182 | U |
| 100-51-6 | Benzyl alcohol | ND | 36.2 | 182 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 36.2 | 182 | U |
| 95-48-7 | 2-Methylphenol | ND | 36.2 | 182 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 36.2 | 182 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 36.2 | 182 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 36.2 | 182 | U |
| 67-72-1 | Hexachloroethane | ND | 36.2 | 182 | U |
| 98-95-3 | Nitrobenzene | ND | 36.2 | 182 | U |
| 78-59-1 | Isophorone | ND | 36.2 | 182 | U |
| 88-75-5 | 2-Nitrophenol | ND | 36.2 | 182 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 36.2 | 182 | U |
| 65-85-0 | Benzoic acid | ND | 90.2 | 362 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 36.2 | 182 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 36.2 | 182 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 36.2 | 182 | U |
| 91-20-3 | Naphthalene | ND | 36.2 | 182 | U |
| 106-47-8 | 4-Chloroaniline | ND | 36.2 | 182 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 36.2 | 182 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 36.2 | 182 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 36.2 | 182 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4391.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 18:17 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 36.2 | 182 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 36.2 | 182 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 36.2 | 182 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 36.2 | 182 | U |
| 88-74-4 | 2-Nitroaniline | ND | 36.2 | 182 | U |
| 131-11-3 | Dimethylphthalate | ND | 36.2 | 182 | U |
| 208-96-8 | Acenaphthylene | ND | 36.2 | 182 | U |
| 99-09-2 | 3-Nitroaniline | ND | 36.2 | 182 | U |
| 83-32-9 | Acenaphthene | ND | 36.2 | 182 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 36.2 | 362 | U |
| 100-02-7 | 4-Nitrophenol | ND | 36.2 | 182 | U |
| 132-64-9 | Dibenzofuran | 39.7 | 36.2 | 182 | J |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 36.2 | 182 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 36.2 | 182 | U |
| 84-66-2 | Diethyl phthalate | ND | 36.2 | 182 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 36.2 | 182 | U |
| 86-73-7 | Fluorene | 36.9 | 36.2 | 182 | J |
| 100-01-6 | 4-Nitroaniline | ND | 36.2 | 182 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 36.2 | 182 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 36.2 | 182 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 36.2 | 182 | U |
| 118-74-1 | Hexachlorobenzene | ND | 36.2 | 182 | U |
| 87-86-5 | Pentachlorophenol | ND | 36.2 | 182 | U |
| 85-01-8 | Phenanthrene | 469 | 36.2 | 182 | |
| 120-12-7 | Anthracene | 127 | 36.2 | 182 | J |
| 84-74-2 | Di-n-butyl phthalate | ND | 36.2 | 182 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4391.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 18:17 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 745 | 36.2 | 182 | |
| 129-00-0 | Pyrene | 1140 | 36.2 | 182 | |
| 85-68-7 | Butylbenzylphthalate | ND | 36.2 | 182 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 90.2 | 182 | U |
| 56-55-3 | Benzo[a]anthracene | 614 | 36.2 | 182 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 50.4 | 36.2 | 182 | J |
| 218-01-9 | Chrysene | 623 | 36.2 | 182 | |
| 117-84-0 | Di-n-octyl phthalate | ND | 36.2 | 182 | U |
| 205-99-2 | Benzo[b]fluoranthene | 1320 | 36.2 | 182 | |
| 207-08-9 | Benzo[k]fluoranthene | 437 | 36.2 | 182 | |
| 50-32-8 | Benzo[a]pyrene | 815 | 36.2 | 182 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 309 | 36.2 | 182 | |
| 53-70-3 | Dibenzo(a,h)anthracene | 146 | 36.2 | 182 | J |
| 191-24-2 | Benzo[ghi]perylene | 365 | 36.2 | 182 | |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 2-Fluorophenol | 53% | | 30-130 |
| Phenol-d5 | 58% | | 30-130 |
| Nitrobenzene-d5 | 73% | | 30-130 |
| 2-Fluorobiphenyl | 83% | | 30-130 |
| 2,4,6-Tribromophenol | 84% | | 30-130 |
| Terphenyl-d14 | 142% | * | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4393.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 19:43 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 35.8 | 179 | U |
| 108-95-2 | Phenol | ND | 35.8 | 179 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 35.8 | 179 | U |
| 95-57-8 | 2-Chlorophenol | ND | 35.8 | 179 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 35.8 | 179 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 35.8 | 179 | U |
| 100-51-6 | Benzyl alcohol | ND | 35.8 | 179 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 35.8 | 179 | U |
| 95-48-7 | 2-Methylphenol | ND | 35.8 | 179 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 35.8 | 179 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 35.8 | 179 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 35.8 | 179 | U |
| 67-72-1 | Hexachloroethane | ND | 35.8 | 179 | U |
| 98-95-3 | Nitrobenzene | ND | 35.8 | 179 | U |
| 78-59-1 | Isophorone | ND | 35.8 | 179 | U |
| 88-75-5 | 2-Nitrophenol | ND | 35.8 | 179 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 35.8 | 179 | U |
| 65-85-0 | Benzoic acid | ND | 89.2 | 358 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 35.8 | 179 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 35.8 | 179 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 35.8 | 179 | U |
| 91-20-3 | Naphthalene | 1010 | 35.8 | 179 | |
| 106-47-8 | 4-Chloroaniline | ND | 35.8 | 179 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 35.8 | 179 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 35.8 | 179 | U |
| 91-57-6 | 2-Methylnaphthylene | 362 | 35.8 | 179 | |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4393.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 19:43 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 35.8 | 179 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 35.8 | 179 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 35.8 | 179 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 35.8 | 179 | U |
| 88-74-4 | 2-Nitroaniline | ND | 35.8 | 179 | U |
| 131-11-3 | Dimethylphthalate | ND | 35.8 | 179 | U |
| 208-96-8 | Acenaphthylene | 39.7 | 35.8 | 179 | J |
| 99-09-2 | 3-Nitroaniline | ND | 35.8 | 179 | U |
| 83-32-9 | Acenaphthene | 746 | 35.8 | 179 | |
| 51-28-5 | 2,4-Dinitrophenol | ND | 35.8 | 358 | U |
| 100-02-7 | 4-Nitrophenol | ND | 35.8 | 179 | U |
| 132-64-9 | Dibenzofuran | 674 | 35.8 | 179 | |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35.8 | 179 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35.8 | 179 | U |
| 84-66-2 | Diethyl phthalate | ND | 35.8 | 179 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 35.8 | 179 | U |
| 86-73-7 | Fluorene | 923 | 35.8 | 179 | |
| 100-01-6 | 4-Nitroaniline | ND | 35.8 | 179 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 35.8 | 179 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 35.8 | 179 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 35.8 | 179 | U |
| 118-74-1 | Hexachlorobenzene | ND | 35.8 | 179 | U |
| 87-86-5 | Pentachlorophenol | ND | 35.8 | 179 | U |
| 85-01-8 | Phenanthrene | 5730 | 35.8 | 179 | E |
| 120-12-7 | Anthracene | 1480 | 35.8 | 179 | |
| 84-74-2 | Di-n-butyl phthalate | ND | 35.8 | 179 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4393.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 19:43 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 4570 | 35.8 | 179 | E |
| 129-00-0 | Pyrene | 15900 | 35.8 | 179 | E |
| 85-68-7 | Butylbenzylphthalate | ND | 35.8 | 179 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 89.2 | 179 | U |
| 56-55-3 | Benzo[a]anthracene | 3430 | 35.8 | 179 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 35.8 | 179 | U |
| 218-01-9 | Chrysene | 3170 | 35.8 | 179 | |
| 117-84-0 | Di-n-octyl phthalate | ND | 35.8 | 179 | U |
| 205-99-2 | Benzo[b]fluoranthene | 5480 | 35.8 | 179 | E |
| 207-08-9 | Benzo[k]fluoranthene | 1580 | 35.8 | 179 | |
| 50-32-8 | Benzo[a]pyrene | 3060 | 35.8 | 179 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 865 | 35.8 | 179 | |
| 53-70-3 | Dibenzo(a,h)anthracene | 299 | 35.8 | 179 | |
| 191-24-2 | Benzo[ghi]perylene | 885 | 35.8 | 179 | |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 2-Fluorophenol | 52% | | 30-130 |
| Phenol-d5 | 56% | | 30-130 |
| Nitrobenzene-d5 | 71% | | 30-130 |
| 2-Fluorobiphenyl | 82% | | 30-130 |
| 2,4,6-Tribromophenol | 76% | | 30-130 |
| Terphenyl-d14 | 274% | * | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | F14881.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/17/16 01:37 |
| Dilution: | 10 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 358 | 1790 | U |
| 108-95-2 | Phenol | ND | 358 | 1790 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 358 | 1790 | U |
| 95-57-8 | 2-Chlorophenol | ND | 358 | 1790 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 358 | 1790 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 358 | 1790 | U |
| 100-51-6 | Benzyl alcohol | ND | 358 | 1790 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 358 | 1790 | U |
| 95-48-7 | 2-Methylphenol | ND | 358 | 1790 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 358 | 1790 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 358 | 1790 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 358 | 1790 | U |
| 67-72-1 | Hexachloroethane | ND | 358 | 1790 | U |
| 98-95-3 | Nitrobenzene | ND | 358 | 1790 | U |
| 78-59-1 | Isophorone | ND | 358 | 1790 | U |
| 88-75-5 | 2-Nitrophenol | ND | 358 | 1790 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 358 | 1790 | U |
| 65-85-0 | Benzoic acid | ND | 892 | 3580 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 358 | 1790 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 358 | 1790 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 358 | 1790 | U |
| 91-20-3 | Naphthalene | 967 | 358 | 1790 | J, D |
| 106-47-8 | 4-Chloroaniline | ND | 358 | 1790 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 358 | 1790 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 358 | 1790 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 358 | 1790 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | F14881.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/17/16 01:37 |
| Dilution: | 10 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 358 | 1790 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 358 | 1790 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 358 | 1790 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 358 | 1790 | U |
| 88-74-4 | 2-Nitroaniline | ND | 358 | 1790 | U |
| 131-11-3 | Dimethylphthalate | ND | 358 | 1790 | U |
| 208-96-8 | Acenaphthylene | ND | 358 | 1790 | U |
| 99-09-2 | 3-Nitroaniline | ND | 358 | 1790 | U |
| 83-32-9 | Acenaphthene | 730 | 358 | 1790 | J, D |
| 51-28-5 | 2,4-Dinitrophenol | ND | 358 | 3580 | U |
| 100-02-7 | 4-Nitrophenol | ND | 358 | 1790 | U |
| 132-64-9 | Dibenzofuran | 609 | 358 | 1790 | J, D |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 358 | 1790 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 358 | 1790 | U |
| 84-66-2 | Diethyl phthalate | ND | 358 | 1790 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 358 | 1790 | U |
| 86-73-7 | Fluorene | 852 | 358 | 1790 | J, D |
| 100-01-6 | 4-Nitroaniline | ND | 358 | 1790 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 358 | 1790 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 358 | 1790 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 358 | 1790 | U |
| 118-74-1 | Hexachlorobenzene | ND | 358 | 1790 | U |
| 87-86-5 | Pentachlorophenol | ND | 358 | 1790 | U |
| 85-01-8 | Phenanthrene | 6470 | 358 | 1790 | D |
| 120-12-7 | Anthracene | 1540 | 358 | 1790 | J, D |
| 84-74-2 | Di-n-butyl phthalate | ND | 358 | 1790 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | F14881.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/17/16 01:37 |
| Dilution: | 10 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 5950 | 358 | 1790 | D |
| 129-00-0 | Pyrene | 6670 | 358 | 1790 | D |
| 85-68-7 | Butylbenzylphthalate | ND | 358 | 1790 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 892 | 1790 | U |
| 56-55-3 | Benzo[a]anthracene | 3300 | 358 | 1790 | D |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 358 | 1790 | U |
| 218-01-9 | Chrysene | 3210 | 358 | 1790 | D |
| 117-84-0 | Di-n-octyl phthalate | ND | 358 | 1790 | U |
| 205-99-2 | Benzo[b]fluoranthene | 3630 | 358 | 1790 | D |
| 207-08-9 | Benzo[k]fluoranthene | 1270 | 358 | 1790 | J, D |
| 50-32-8 | Benzo[a]pyrene | 2620 | 358 | 1790 | D |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 981 | 358 | 1790 | J, D |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 358 | 1790 | U |
| 191-24-2 | Benzo[ghi]perylene | 960 | 358 | 1790 | J, D |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 60% | 30-130 |
| Phenol-d5 | 65% | 30-130 |
| Nitrobenzene-d5 | 74% | 30-130 |
| 2-Fluorobiphenyl | 81% | 30-130 |
| 2,4,6-Tribromophenol | 43% | 30-130 |
| Terphenyl-d14 | 90% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14838.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 13:52 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 36.2 | 182 | U |
| 108-95-2 | Phenol | ND | 36.2 | 182 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 36.2 | 182 | U |
| 95-57-8 | 2-Chlorophenol | ND | 36.2 | 182 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 36.2 | 182 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 36.2 | 182 | U |
| 100-51-6 | Benzyl alcohol | ND | 36.2 | 182 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 36.2 | 182 | U |
| 95-48-7 | 2-Methylphenol | ND | 36.2 | 182 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 36.2 | 182 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 36.2 | 182 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 36.2 | 182 | U |
| 67-72-1 | Hexachloroethane | ND | 36.2 | 182 | U |
| 98-95-3 | Nitrobenzene | ND | 36.2 | 182 | U |
| 78-59-1 | Isophorone | ND | 36.2 | 182 | U |
| 88-75-5 | 2-Nitrophenol | ND | 36.2 | 182 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 36.2 | 182 | U |
| 65-85-0 | Benzoic acid | ND | 90.2 | 362 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 36.2 | 182 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 36.2 | 182 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 36.2 | 182 | U |
| 91-20-3 | Naphthalene | ND | 36.2 | 182 | U |
| 106-47-8 | 4-Chloroaniline | ND | 36.2 | 182 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 36.2 | 182 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 36.2 | 182 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 36.2 | 182 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14838.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 13:52 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 36.2 | 182 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 36.2 | 182 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 36.2 | 182 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 36.2 | 182 | U |
| 88-74-4 | 2-Nitroaniline | ND | 36.2 | 182 | U |
| 131-11-3 | Dimethylphthalate | ND | 36.2 | 182 | U |
| 208-96-8 | Acenaphthylene | ND | 36.2 | 182 | U |
| 99-09-2 | 3-Nitroaniline | ND | 36.2 | 182 | U |
| 83-32-9 | Acenaphthene | ND | 36.2 | 182 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 36.2 | 362 | U |
| 100-02-7 | 4-Nitrophenol | ND | 36.2 | 182 | U |
| 132-64-9 | Dibenzofuran | ND | 36.2 | 182 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 36.2 | 182 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 36.2 | 182 | U |
| 84-66-2 | Diethyl phthalate | ND | 36.2 | 182 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 36.2 | 182 | U |
| 86-73-7 | Fluorene | ND | 36.2 | 182 | U |
| 100-01-6 | 4-Nitroaniline | ND | 36.2 | 182 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 36.2 | 182 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 36.2 | 182 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 36.2 | 182 | U |
| 118-74-1 | Hexachlorobenzene | ND | 36.2 | 182 | U |
| 87-86-5 | Pentachlorophenol | ND | 36.2 | 182 | U |
| 85-01-8 | Phenanthrene | ND | 36.2 | 182 | U |
| 120-12-7 | Anthracene | ND | 36.2 | 182 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 36.2 | 182 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14838.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 13:52 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | ND | 36.2 | 182 | U |
| 129-00-0 | Pyrene | ND | 36.2 | 182 | U |
| 85-68-7 | Butylbenzylphthalate | ND | 36.2 | 182 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 90.2 | 182 | U |
| 56-55-3 | Benzo[a]anthracene | ND | 36.2 | 182 | U |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 36.2 | 182 | U |
| 218-01-9 | Chrysene | ND | 36.2 | 182 | U |
| 117-84-0 | Di-n-octyl phthalate | ND | 36.2 | 182 | U |
| 205-99-2 | Benzo[b]fluoranthene | ND | 36.2 | 182 | U |
| 207-08-9 | Benzo[k]fluoranthene | ND | 36.2 | 182 | U |
| 50-32-8 | Benzo[a]pyrene | ND | 36.2 | 182 | U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 36.2 | 182 | U |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 36.2 | 182 | U |
| 191-24-2 | Benzo[ghi]perylene | ND | 36.2 | 182 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 56% | 30-130 |
| Phenol-d5 | 60% | 30-130 |
| Nitrobenzene-d5 | 62% | 30-130 |
| 2-Fluorobiphenyl | 66% | 30-130 |
| 2,4,6-Tribromophenol | 61% | 30-130 |
| Terphenyl-d14 | 83% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 90.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4394.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 20:26 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 37.0 | 186 | U |
| 108-95-2 | Phenol | ND | 37.0 | 186 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 37.0 | 186 | U |
| 95-57-8 | 2-Chlorophenol | ND | 37.0 | 186 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 37.0 | 186 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 37.0 | 186 | U |
| 100-51-6 | Benzyl alcohol | ND | 37.0 | 186 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 37.0 | 186 | U |
| 95-48-7 | 2-Methylphenol | ND | 37.0 | 186 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 37.0 | 186 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 37.0 | 186 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 37.0 | 186 | U |
| 67-72-1 | Hexachloroethane | ND | 37.0 | 186 | U |
| 98-95-3 | Nitrobenzene | ND | 37.0 | 186 | U |
| 78-59-1 | Isophorone | ND | 37.0 | 186 | U |
| 88-75-5 | 2-Nitrophenol | ND | 37.0 | 186 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 37.0 | 186 | U |
| 65-85-0 | Benzoic acid | ND | 92.2 | 370 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 37.0 | 186 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 37.0 | 186 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 37.0 | 186 | U |
| 91-20-3 | Naphthalene | ND | 37.0 | 186 | U |
| 106-47-8 | 4-Chloroaniline | ND | 37.0 | 186 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 37.0 | 186 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 37.0 | 186 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 37.0 | 186 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 90.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4394.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 20:26 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 37.0 | 186 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 37.0 | 186 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 37.0 | 186 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 37.0 | 186 | U |
| 88-74-4 | 2-Nitroaniline | ND | 37.0 | 186 | U |
| 131-11-3 | Dimethylphthalate | ND | 37.0 | 186 | U |
| 208-96-8 | Acenaphthylene | ND | 37.0 | 186 | U |
| 99-09-2 | 3-Nitroaniline | ND | 37.0 | 186 | U |
| 83-32-9 | Acenaphthene | ND | 37.0 | 186 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 37.0 | 370 | U |
| 100-02-7 | 4-Nitrophenol | ND | 37.0 | 186 | U |
| 132-64-9 | Dibenzofuran | ND | 37.0 | 186 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 37.0 | 186 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 37.0 | 186 | U |
| 84-66-2 | Diethyl phthalate | ND | 37.0 | 186 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 37.0 | 186 | U |
| 86-73-7 | Fluorene | ND | 37.0 | 186 | U |
| 100-01-6 | 4-Nitroaniline | ND | 37.0 | 186 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 37.0 | 186 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 37.0 | 186 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 37.0 | 186 | U |
| 118-74-1 | Hexachlorobenzene | ND | 37.0 | 186 | U |
| 87-86-5 | Pentachlorophenol | ND | 37.0 | 186 | U |
| 85-01-8 | Phenanthrene | 63.3 | 37.0 | 186 | J |
| 120-12-7 | Anthracene | ND | 37.0 | 186 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 37.0 | 186 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 90.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4394.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 20:26 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 134 | 37.0 | 186 | J |
| 129-00-0 | Pyrene | 295 | 37.0 | 186 | |
| 85-68-7 | Butylbenzylphthalate | ND | 37.0 | 186 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 92.2 | 186 | U |
| 56-55-3 | Benzo[a]anthracene | 117 | 37.0 | 186 | J |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 105 | 37.0 | 186 | J |
| 218-01-9 | Chrysene | 136 | 37.0 | 186 | J |
| 117-84-0 | Di-n-octyl phthalate | ND | 37.0 | 186 | U |
| 205-99-2 | Benzo[b]fluoranthene | 175 | 37.0 | 186 | J |
| 207-08-9 | Benzo[k]fluoranthene | 55.5 | 37.0 | 186 | J |
| 50-32-8 | Benzo[a]pyrene | 130 | 37.0 | 186 | J |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 85.0 | 37.0 | 186 | J |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 37.0 | 186 | U |
| 191-24-2 | Benzo[ghi]perylene | 115 | 37.0 | 186 | J |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 2-Fluorophenol | 49% | | 30-130 |
| Phenol-d5 | 54% | | 30-130 |
| Nitrobenzene-d5 | 66% | | 30-130 |
| 2-Fluorobiphenyl | 78% | | 30-130 |
| 2,4,6-Tribromophenol | 74% | | 30-130 |
| Terphenyl-d14 | 148% | * | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 89.30 | Prep Method: | EPA 3550B GCMS | File ID: | F14848.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 21:18 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 37.3 | 187 | U |
| 108-95-2 | Phenol | ND | 37.3 | 187 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 37.3 | 187 | U |
| 95-57-8 | 2-Chlorophenol | ND | 37.3 | 187 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 37.3 | 187 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 37.3 | 187 | U |
| 100-51-6 | Benzyl alcohol | ND | 37.3 | 187 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 37.3 | 187 | U |
| 95-48-7 | 2-Methylphenol | ND | 37.3 | 187 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 37.3 | 187 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 37.3 | 187 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 37.3 | 187 | U |
| 67-72-1 | Hexachloroethane | ND | 37.3 | 187 | U |
| 98-95-3 | Nitrobenzene | ND | 37.3 | 187 | U |
| 78-59-1 | Isophorone | ND | 37.3 | 187 | U |
| 88-75-5 | 2-Nitrophenol | ND | 37.3 | 187 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 37.3 | 187 | U |
| 65-85-0 | Benzoic acid | ND | 92.9 | 373 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 37.3 | 187 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 37.3 | 187 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 37.3 | 187 | U |
| 91-20-3 | Naphthalene | ND | 37.3 | 187 | U |
| 106-47-8 | 4-Chloroaniline | ND | 37.3 | 187 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 37.3 | 187 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 37.3 | 187 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 37.3 | 187 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 89.30 | Prep Method: | EPA 3550B GCMS | File ID: | F14848.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 21:18 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 37.3 | 187 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 37.3 | 187 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 37.3 | 187 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 37.3 | 187 | U |
| 88-74-4 | 2-Nitroaniline | ND | 37.3 | 187 | U |
| 131-11-3 | Dimethylphthalate | ND | 37.3 | 187 | U |
| 208-96-8 | Acenaphthylene | ND | 37.3 | 187 | U |
| 99-09-2 | 3-Nitroaniline | ND | 37.3 | 187 | U |
| 83-32-9 | Acenaphthene | ND | 37.3 | 187 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 37.3 | 373 | U |
| 100-02-7 | 4-Nitrophenol | ND | 37.3 | 187 | U |
| 132-64-9 | Dibenzofuran | ND | 37.3 | 187 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 37.3 | 187 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 37.3 | 187 | U |
| 84-66-2 | Diethyl phthalate | ND | 37.3 | 187 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 37.3 | 187 | U |
| 86-73-7 | Fluorene | ND | 37.3 | 187 | U |
| 100-01-6 | 4-Nitroaniline | ND | 37.3 | 187 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 37.3 | 187 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 37.3 | 187 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 37.3 | 187 | U |
| 118-74-1 | Hexachlorobenzene | ND | 37.3 | 187 | U |
| 87-86-5 | Pentachlorophenol | ND | 37.3 | 187 | U |
| 85-01-8 | Phenanthrene | 349 | 37.3 | 187 | |
| 120-12-7 | Anthracene | 86.2 | 37.3 | 187 | J |
| 84-74-2 | Di-n-butyl phthalate | ND | 37.3 | 187 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 89.30 | Prep Method: | EPA 3550B GCMS | File ID: | F14848.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 21:18 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 893 | 37.3 | 187 | |
| 129-00-0 | Pyrene | 1050 | 37.3 | 187 | |
| 85-68-7 | Butylbenzylphthalate | ND | 37.3 | 187 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 92.9 | 187 | U |
| 56-55-3 | Benzo[a]anthracene | 556 | 37.3 | 187 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 37.3 | 187 | U |
| 218-01-9 | Chrysene | 534 | 37.3 | 187 | |
| 117-84-0 | Di-n-octyl phthalate | ND | 37.3 | 187 | U |
| 205-99-2 | Benzo[b]fluoranthene | 709 | 37.3 | 187 | |
| 207-08-9 | Benzo[k]fluoranthene | 201 | 37.3 | 187 | |
| 50-32-8 | Benzo[a]pyrene | 450 | 37.3 | 187 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 133 | 37.3 | 187 | J |
| 53-70-3 | Dibenzo(a,h)anthracene | 44.4 | 37.3 | 187 | J |
| 191-24-2 | Benzo[ghi]perylene | 130 | 37.3 | 187 | J |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 58% | 30-130 |
| Phenol-d5 | 64% | 30-130 |
| Nitrobenzene-d5 | 72% | 30-130 |
| 2-Fluorobiphenyl | 76% | 30-130 |
| 2,4,6-Tribromophenol | 59% | 30-130 |
| Terphenyl-d14 | 93% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 90.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4395.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 21:10 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 37.0 | 185 | U |
| 108-95-2 | Phenol | ND | 37.0 | 185 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 37.0 | 185 | U |
| 95-57-8 | 2-Chlorophenol | ND | 37.0 | 185 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 37.0 | 185 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 37.0 | 185 | U |
| 100-51-6 | Benzyl alcohol | ND | 37.0 | 185 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 37.0 | 185 | U |
| 95-48-7 | 2-Methylphenol | ND | 37.0 | 185 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 37.0 | 185 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 37.0 | 185 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 37.0 | 185 | U |
| 67-72-1 | Hexachloroethane | ND | 37.0 | 185 | U |
| 98-95-3 | Nitrobenzene | ND | 37.0 | 185 | U |
| 78-59-1 | Isophorone | ND | 37.0 | 185 | U |
| 88-75-5 | 2-Nitrophenol | ND | 37.0 | 185 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 37.0 | 185 | U |
| 65-85-0 | Benzoic acid | ND | 92.1 | 370 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 37.0 | 185 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 37.0 | 185 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 37.0 | 185 | U |
| 91-20-3 | Naphthalene | ND | 37.0 | 185 | U |
| 106-47-8 | 4-Chloroaniline | ND | 37.0 | 185 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 37.0 | 185 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 37.0 | 185 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 37.0 | 185 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 90.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4395.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 21:10 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 37.0 | 185 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 37.0 | 185 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 37.0 | 185 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 37.0 | 185 | U |
| 88-74-4 | 2-Nitroaniline | ND | 37.0 | 185 | U |
| 131-11-3 | Dimethylphthalate | ND | 37.0 | 185 | U |
| 208-96-8 | Acenaphthylene | ND | 37.0 | 185 | U |
| 99-09-2 | 3-Nitroaniline | ND | 37.0 | 185 | U |
| 83-32-9 | Acenaphthene | 139 | 37.0 | 185 | J |
| 51-28-5 | 2,4-Dinitrophenol | ND | 37.0 | 370 | U |
| 100-02-7 | 4-Nitrophenol | ND | 37.0 | 185 | U |
| 132-64-9 | Dibenzofuran | ND | 37.0 | 185 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 37.0 | 185 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 37.0 | 185 | U |
| 84-66-2 | Diethyl phthalate | ND | 37.0 | 185 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 37.0 | 185 | U |
| 86-73-7 | Fluorene | 94.2 | 37.0 | 185 | J |
| 100-01-6 | 4-Nitroaniline | ND | 37.0 | 185 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 37.0 | 185 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 37.0 | 185 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 37.0 | 185 | U |
| 118-74-1 | Hexachlorobenzene | ND | 37.0 | 185 | U |
| 87-86-5 | Pentachlorophenol | ND | 37.0 | 185 | U |
| 85-01-8 | Phenanthrene | 1020 | 37.0 | 185 | |
| 120-12-7 | Anthracene | 234 | 37.0 | 185 | |
| 84-74-2 | Di-n-butyl phthalate | ND | 37.0 | 185 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 90.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4395.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 21:10 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 1550 | 37.0 | 185 | |
| 129-00-0 | Pyrene | 3420 | 37.0 | 185 | |
| 85-68-7 | Butylbenzylphthalate | 137 | 37.0 | 185 | J |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 92.1 | 185 | U |
| 56-55-3 | Benzo[a]anthracene | 1180 | 37.0 | 185 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 37.0 | 185 | U |
| 218-01-9 | Chrysene | 1260 | 37.0 | 185 | |
| 117-84-0 | Di-n-octyl phthalate | ND | 37.0 | 185 | U |
| 205-99-2 | Benzo[b]fluoranthene | 1770 | 37.0 | 185 | |
| 207-08-9 | Benzo[k]fluoranthene | 456 | 37.0 | 185 | |
| 50-32-8 | Benzo[a]pyrene | 1150 | 37.0 | 185 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 625 | 37.0 | 185 | |
| 53-70-3 | Dibenzo(a,h)anthracene | 207 | 37.0 | 185 | |
| 191-24-2 | Benzo[ghi]perylene | 705 | 37.0 | 185 | |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 2-Fluorophenol | 59% | | 30-130 |
| Phenol-d5 | 65% | | 30-130 |
| Nitrobenzene-d5 | 78% | | 30-130 |
| 2-Fluorobiphenyl | 92% | | 30-130 |
| 2,4,6-Tribromophenol | 92% | | 30-130 |
| Terphenyl-d14 | 182% | * | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4388.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 16:07 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 37.2 | 187 | U |
| 108-95-2 | Phenol | ND | 37.2 | 187 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 37.2 | 187 | U |
| 95-57-8 | 2-Chlorophenol | ND | 37.2 | 187 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 37.2 | 187 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 37.2 | 187 | U |
| 100-51-6 | Benzyl alcohol | ND | 37.2 | 187 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 37.2 | 187 | U |
| 95-48-7 | 2-Methylphenol | ND | 37.2 | 187 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 37.2 | 187 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 37.2 | 187 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 37.2 | 187 | U |
| 67-72-1 | Hexachloroethane | ND | 37.2 | 187 | U |
| 98-95-3 | Nitrobenzene | ND | 37.2 | 187 | U |
| 78-59-1 | Isophorone | ND | 37.2 | 187 | U |
| 88-75-5 | 2-Nitrophenol | ND | 37.2 | 187 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 37.2 | 187 | U |
| 65-85-0 | Benzoic acid | ND | 92.8 | 372 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 37.2 | 187 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 37.2 | 187 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 37.2 | 187 | U |
| 91-20-3 | Naphthalene | ND | 37.2 | 187 | U |
| 106-47-8 | 4-Chloroaniline | ND | 37.2 | 187 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 37.2 | 187 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 37.2 | 187 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 37.2 | 187 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4388.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 16:07 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 37.2 | 187 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 37.2 | 187 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 37.2 | 187 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 37.2 | 187 | U |
| 88-74-4 | 2-Nitroaniline | ND | 37.2 | 187 | U |
| 131-11-3 | Dimethylphthalate | ND | 37.2 | 187 | U |
| 208-96-8 | Acenaphthylene | ND | 37.2 | 187 | U |
| 99-09-2 | 3-Nitroaniline | ND | 37.2 | 187 | U |
| 83-32-9 | Acenaphthene | ND | 37.2 | 187 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 37.2 | 372 | U |
| 100-02-7 | 4-Nitrophenol | ND | 37.2 | 187 | U |
| 132-64-9 | Dibenzofuran | ND | 37.2 | 187 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 37.2 | 187 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 37.2 | 187 | U |
| 84-66-2 | Diethyl phthalate | ND | 37.2 | 187 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 37.2 | 187 | U |
| 86-73-7 | Fluorene | 42.7 | 37.2 | 187 | J |
| 100-01-6 | 4-Nitroaniline | ND | 37.2 | 187 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 37.2 | 187 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 37.2 | 187 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 37.2 | 187 | U |
| 118-74-1 | Hexachlorobenzene | ND | 37.2 | 187 | U |
| 87-86-5 | Pentachlorophenol | ND | 37.2 | 187 | U |
| 85-01-8 | Phenanthrene | 1400 | 37.2 | 187 | |
| 120-12-7 | Anthracene | 165 | 37.2 | 187 | J |
| 84-74-2 | Di-n-butyl phthalate | ND | 37.2 | 187 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4388.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 16:07 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 4000 | 37.2 | 187 | |
| 129-00-0 | Pyrene | 4560 | 37.2 | 187 | E |
| 85-68-7 | Butylbenzylphthalate | ND | 37.2 | 187 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 92.8 | 187 | U |
| 56-55-3 | Benzo[a]anthracene | 1990 | 37.2 | 187 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 37.2 | 187 | U |
| 218-01-9 | Chrysene | 2640 | 37.2 | 187 | |
| 117-84-0 | Di-n-octyl phthalate | ND | 37.2 | 187 | U |
| 205-99-2 | Benzo[b]fluoranthene | 4990 | 37.2 | 187 | E |
| 207-08-9 | Benzo[k]fluoranthene | 1390 | 37.2 | 187 | |
| 50-32-8 | Benzo[a]pyrene | 2510 | 37.2 | 187 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1180 | 37.2 | 187 | |
| 53-70-3 | Dibenzo(a,h)anthracene | 322 | 37.2 | 187 | |
| 191-24-2 | Benzo[ghi]perylene | 1360 | 37.2 | 187 | |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 64% | 30-130 |
| Phenol-d5 | 70% | 30-130 |
| Nitrobenzene-d5 | 85% | 30-130 |
| 2-Fluorobiphenyl | 97% | 30-130 |
| 2,4,6-Tribromophenol | 103% | 30-130 |
| Terphenyl-d14 | 129% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4415.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1606 | Analyzed: | 12/16/16 22:26 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 186 | 934 | U |
| 108-95-2 | Phenol | ND | 186 | 934 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 186 | 934 | U |
| 95-57-8 | 2-Chlorophenol | ND | 186 | 934 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 186 | 934 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 186 | 934 | U |
| 100-51-6 | Benzyl alcohol | ND | 186 | 934 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 186 | 934 | U |
| 95-48-7 | 2-Methylphenol | ND | 186 | 934 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 186 | 934 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 186 | 934 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 186 | 934 | U |
| 67-72-1 | Hexachloroethane | ND | 186 | 934 | U |
| 98-95-3 | Nitrobenzene | ND | 186 | 934 | U |
| 78-59-1 | Isophorone | ND | 186 | 934 | U |
| 88-75-5 | 2-Nitrophenol | ND | 186 | 934 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 186 | 934 | U |
| 65-85-0 | Benzoic acid | ND | 464 | 1860 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 186 | 934 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 186 | 934 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 186 | 934 | U |
| 91-20-3 | Naphthalene | ND | 186 | 934 | U |
| 106-47-8 | 4-Chloroaniline | ND | 186 | 934 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 186 | 934 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 186 | 934 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 186 | 934 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4415.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1606 | Analyzed: | 12/16/16 22:26 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 186 | 934 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 186 | 934 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 186 | 934 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 186 | 934 | U |
| 88-74-4 | 2-Nitroaniline | ND | 186 | 934 | U |
| 131-11-3 | Dimethylphthalate | ND | 186 | 934 | U |
| 208-96-8 | Acenaphthylene | ND | 186 | 934 | U |
| 99-09-2 | 3-Nitroaniline | ND | 186 | 934 | U |
| 83-32-9 | Acenaphthene | ND | 186 | 934 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 186 | 1860 | U |
| 100-02-7 | 4-Nitrophenol | ND | 186 | 934 | U |
| 132-64-9 | Dibenzofuran | ND | 186 | 934 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 186 | 934 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 186 | 934 | U |
| 84-66-2 | Diethyl phthalate | ND | 186 | 934 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 186 | 934 | U |
| 86-73-7 | Fluorene | ND | 186 | 934 | U |
| 100-01-6 | 4-Nitroaniline | ND | 186 | 934 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 186 | 934 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 186 | 934 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 186 | 934 | U |
| 118-74-1 | Hexachlorobenzene | ND | 186 | 934 | U |
| 87-86-5 | Pentachlorophenol | ND | 186 | 934 | U |
| 85-01-8 | Phenanthrene | 1450 | 186 | 934 | D |
| 120-12-7 | Anthracene | ND | 186 | 934 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 186 | 934 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4415.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1606 | Analyzed: | 12/16/16 22:26 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 4120 | 186 | 934 | D |
| 129-00-0 | Pyrene | 4440 | 186 | 934 | D |
| 85-68-7 | Butylbenzylphthalate | ND | 186 | 934 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 464 | 934 | U |
| 56-55-3 | Benzo[a]anthracene | 2030 | 186 | 934 | D |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 186 | 934 | U |
| 218-01-9 | Chrysene | 2770 | 186 | 934 | D |
| 117-84-0 | Di-n-octyl phthalate | ND | 186 | 934 | U |
| 205-99-2 | Benzo[b]fluoranthene | 5370 | 186 | 934 | D |
| 207-08-9 | Benzo[k]fluoranthene | 1440 | 186 | 934 | D |
| 50-32-8 | Benzo[a]pyrene | 2520 | 186 | 934 | D |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 848 | 186 | 934 | J, D |
| 53-70-3 | Dibenzo(a,h)anthracene | 231 | 186 | 934 | J, D |
| 191-24-2 | Benzo[ghi]perylene | 860 | 186 | 934 | J, D |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 74% | 30-130 |
| Phenol-d5 | 77% | 30-130 |
| Nitrobenzene-d5 | 91% | 30-130 |
| 2-Fluorobiphenyl | 102% | 30-130 |
| 2,4,6-Tribromophenol | 88% | 30-130 |
| Terphenyl-d14 | 122% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4389.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 16:51 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 38.1 | 191 | U |
| 108-95-2 | Phenol | ND | 38.1 | 191 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 38.1 | 191 | U |
| 95-57-8 | 2-Chlorophenol | ND | 38.1 | 191 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 38.1 | 191 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 38.1 | 191 | U |
| 100-51-6 | Benzyl alcohol | ND | 38.1 | 191 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 38.1 | 191 | U |
| 95-48-7 | 2-Methylphenol | ND | 38.1 | 191 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 38.1 | 191 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 38.1 | 191 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 38.1 | 191 | U |
| 67-72-1 | Hexachloroethane | ND | 38.1 | 191 | U |
| 98-95-3 | Nitrobenzene | ND | 38.1 | 191 | U |
| 78-59-1 | Isophorone | ND | 38.1 | 191 | U |
| 88-75-5 | 2-Nitrophenol | ND | 38.1 | 191 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 38.1 | 191 | U |
| 65-85-0 | Benzoic acid | ND | 95.0 | 381 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 38.1 | 191 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 38.1 | 191 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 38.1 | 191 | U |
| 91-20-3 | Naphthalene | ND | 38.1 | 191 | U |
| 106-47-8 | 4-Chloroaniline | ND | 38.1 | 191 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 38.1 | 191 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 38.1 | 191 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 38.1 | 191 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4389.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 16:51 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 38.1 | 191 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 38.1 | 191 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 38.1 | 191 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 38.1 | 191 | U |
| 88-74-4 | 2-Nitroaniline | ND | 38.1 | 191 | U |
| 131-11-3 | Dimethylphthalate | ND | 38.1 | 191 | U |
| 208-96-8 | Acenaphthylene | ND | 38.1 | 191 | U |
| 99-09-2 | 3-Nitroaniline | ND | 38.1 | 191 | U |
| 83-32-9 | Acenaphthene | ND | 38.1 | 191 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 38.1 | 381 | U |
| 100-02-7 | 4-Nitrophenol | ND | 38.1 | 191 | U |
| 132-64-9 | Dibenzofuran | ND | 38.1 | 191 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 38.1 | 191 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 38.1 | 191 | U |
| 84-66-2 | Diethyl phthalate | ND | 38.1 | 191 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 38.1 | 191 | U |
| 86-73-7 | Fluorene | 43.5 | 38.1 | 191 | J |
| 100-01-6 | 4-Nitroaniline | ND | 38.1 | 191 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 38.1 | 191 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 38.1 | 191 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 38.1 | 191 | U |
| 118-74-1 | Hexachlorobenzene | ND | 38.1 | 191 | U |
| 87-86-5 | Pentachlorophenol | ND | 38.1 | 191 | U |
| 85-01-8 | Phenanthrene | 1520 | 38.1 | 191 | |
| 120-12-7 | Anthracene | 184 | 38.1 | 191 | J |
| 84-74-2 | Di-n-butyl phthalate | ND | 38.1 | 191 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4389.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 16:51 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 3770 | 38.1 | 191 | |
| 129-00-0 | Pyrene | 4700 | 38.1 | 191 | E |
| 85-68-7 | Butylbenzylphthalate | ND | 38.1 | 191 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 95.0 | 191 | U |
| 56-55-3 | Benzo[a]anthracene | 1640 | 38.1 | 191 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 38.1 | 191 | U |
| 218-01-9 | Chrysene | 2140 | 38.1 | 191 | |
| 117-84-0 | Di-n-octyl phthalate | ND | 38.1 | 191 | U |
| 205-99-2 | Benzo[b]fluoranthene | 3880 | 38.1 | 191 | |
| 207-08-9 | Benzo[k]fluoranthene | 1150 | 38.1 | 191 | |
| 50-32-8 | Benzo[a]pyrene | 1890 | 38.1 | 191 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 660 | 38.1 | 191 | |
| 53-70-3 | Dibenzo(a,h)anthracene | 186 | 38.1 | 191 | J |
| 191-24-2 | Benzo[ghi]perylene | 731 | 38.1 | 191 | |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 2-Fluorophenol | 55% | | 30-130 |
| Phenol-d5 | 62% | | 30-130 |
| Nitrobenzene-d5 | 75% | | 30-130 |
| 2-Fluorobiphenyl | 89% | | 30-130 |
| 2,4,6-Tribromophenol | 95% | | 30-130 |
| Terphenyl-d14 | 138% | * | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4416.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1606 | Analyzed: | 12/16/16 23:10 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 191 | 955 | U |
| 108-95-2 | Phenol | ND | 191 | 955 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 191 | 955 | U |
| 95-57-8 | 2-Chlorophenol | ND | 191 | 955 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 191 | 955 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 191 | 955 | U |
| 100-51-6 | Benzyl alcohol | ND | 191 | 955 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 191 | 955 | U |
| 95-48-7 | 2-Methylphenol | ND | 191 | 955 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 191 | 955 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 191 | 955 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 191 | 955 | U |
| 67-72-1 | Hexachloroethane | ND | 191 | 955 | U |
| 98-95-3 | Nitrobenzene | ND | 191 | 955 | U |
| 78-59-1 | Isophorone | ND | 191 | 955 | U |
| 88-75-5 | 2-Nitrophenol | ND | 191 | 955 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 191 | 955 | U |
| 65-85-0 | Benzoic acid | ND | 475 | 1910 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 191 | 955 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 191 | 955 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 191 | 955 | U |
| 91-20-3 | Naphthalene | ND | 191 | 955 | U |
| 106-47-8 | 4-Chloroaniline | ND | 191 | 955 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 191 | 955 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 191 | 955 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 191 | 955 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4416.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1606 | Analyzed: | 12/16/16 23:10 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 191 | 955 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 191 | 955 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 191 | 955 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 191 | 955 | U |
| 88-74-4 | 2-Nitroaniline | ND | 191 | 955 | U |
| 131-11-3 | Dimethylphthalate | ND | 191 | 955 | U |
| 208-96-8 | Acenaphthylene | ND | 191 | 955 | U |
| 99-09-2 | 3-Nitroaniline | ND | 191 | 955 | U |
| 83-32-9 | Acenaphthene | ND | 191 | 955 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 191 | 1910 | U |
| 100-02-7 | 4-Nitrophenol | ND | 191 | 955 | U |
| 132-64-9 | Dibenzofuran | ND | 191 | 955 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 191 | 955 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 191 | 955 | U |
| 84-66-2 | Diethyl phthalate | ND | 191 | 955 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 191 | 955 | U |
| 86-73-7 | Fluorene | ND | 191 | 955 | U |
| 100-01-6 | 4-Nitroaniline | ND | 191 | 955 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 191 | 955 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 191 | 955 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 191 | 955 | U |
| 118-74-1 | Hexachlorobenzene | ND | 191 | 955 | U |
| 87-86-5 | Pentachlorophenol | ND | 191 | 955 | U |
| 85-01-8 | Phenanthrene | 1630 | 191 | 955 | D |
| 120-12-7 | Anthracene | 201 | 191 | 955 | J, D |
| 84-74-2 | Di-n-butyl phthalate | ND | 191 | 955 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 3550B GCMS | File ID: | B4416.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1606 | Analyzed: | 12/16/16 23:10 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 4070 | 191 | 955 | D |
| 129-00-0 | Pyrene | 4130 | 191 | 955 | D |
| 85-68-7 | Butylbenzylphthalate | ND | 191 | 955 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 475 | 955 | U |
| 56-55-3 | Benzo[a]anthracene | 1760 | 191 | 955 | D |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 191 | 955 | U |
| 218-01-9 | Chrysene | 2320 | 191 | 955 | D |
| 117-84-0 | Di-n-octyl phthalate | ND | 191 | 955 | U |
| 205-99-2 | Benzo[b]fluoranthene | 3850 | 191 | 955 | D |
| 207-08-9 | Benzo[k]fluoranthene | 1330 | 191 | 955 | D |
| 50-32-8 | Benzo[a]pyrene | 1940 | 191 | 955 | D |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 602 | 191 | 955 | J, D |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 191 | 955 | U |
| 191-24-2 | Benzo[ghi]perylene | 597 | 191 | 955 | J, D |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 65% | 30-130 |
| Phenol-d5 | 70% | 30-130 |
| Nitrobenzene-d5 | 80% | 30-130 |
| 2-Fluorobiphenyl | 95% | 30-130 |
| 2,4,6-Tribromophenol | 86% | 30-130 |
| Terphenyl-d14 | 118% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4383.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 12:28 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 35.4 | 178 | U |
| 108-95-2 | Phenol | ND | 35.4 | 178 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 35.4 | 178 | U |
| 95-57-8 | 2-Chlorophenol | ND | 35.4 | 178 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 35.4 | 178 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 35.4 | 178 | U |
| 100-51-6 | Benzyl alcohol | ND | 35.4 | 178 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 35.4 | 178 | U |
| 95-48-7 | 2-Methylphenol | ND | 35.4 | 178 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 35.4 | 178 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 35.4 | 178 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 35.4 | 178 | U |
| 67-72-1 | Hexachloroethane | ND | 35.4 | 178 | U |
| 98-95-3 | Nitrobenzene | ND | 35.4 | 178 | U |
| 78-59-1 | Isophorone | ND | 35.4 | 178 | U |
| 88-75-5 | 2-Nitrophenol | ND | 35.4 | 178 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 35.4 | 178 | U |
| 65-85-0 | Benzoic acid | ND | 88.3 | 354 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 35.4 | 178 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 35.4 | 178 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 35.4 | 178 | U |
| 91-20-3 | Naphthalene | ND | 35.4 | 178 | U |
| 106-47-8 | 4-Chloroaniline | ND | 35.4 | 178 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 35.4 | 178 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 35.4 | 178 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 35.4 | 178 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4383.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 12:28 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 35.4 | 178 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 35.4 | 178 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 35.4 | 178 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 35.4 | 178 | U |
| 88-74-4 | 2-Nitroaniline | ND | 35.4 | 178 | U |
| 131-11-3 | Dimethylphthalate | ND | 35.4 | 178 | U |
| 208-96-8 | Acenaphthylene | ND | 35.4 | 178 | U |
| 99-09-2 | 3-Nitroaniline | ND | 35.4 | 178 | U |
| 83-32-9 | Acenaphthene | ND | 35.4 | 178 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 35.4 | 354 | U |
| 100-02-7 | 4-Nitrophenol | ND | 35.4 | 178 | U |
| 132-64-9 | Dibenzofuran | ND | 35.4 | 178 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35.4 | 178 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35.4 | 178 | U |
| 84-66-2 | Diethyl phthalate | ND | 35.4 | 178 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 35.4 | 178 | U |
| 86-73-7 | Fluorene | ND | 35.4 | 178 | U |
| 100-01-6 | 4-Nitroaniline | ND | 35.4 | 178 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 35.4 | 178 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 35.4 | 178 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 35.4 | 178 | U |
| 118-74-1 | Hexachlorobenzene | ND | 35.4 | 178 | U |
| 87-86-5 | Pentachlorophenol | ND | 35.4 | 178 | U |
| 85-01-8 | Phenanthrene | 120 | 35.4 | 178 | J |
| 120-12-7 | Anthracene | ND | 35.4 | 178 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 35.4 | 178 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4383.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 12:28 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 288 | 35.4 | 178 | |
| 129-00-0 | Pyrene | 290 | 35.4 | 178 | |
| 85-68-7 | Butylbenzylphthalate | ND | 35.4 | 178 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 88.3 | 178 | U |
| 56-55-3 | Benzo[a]anthracene | 172 | 35.4 | 178 | J |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 35.4 | 178 | U |
| 218-01-9 | Chrysene | 186 | 35.4 | 178 | |
| 117-84-0 | Di-n-octyl phthalate | ND | 35.4 | 178 | U |
| 205-99-2 | Benzo[b]fluoranthene | 260 | 35.4 | 178 | |
| 207-08-9 | Benzo[k]fluoranthene | 100 | 35.4 | 178 | J |
| 50-32-8 | Benzo[a]pyrene | 178 | 35.4 | 178 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 57.6 | 35.4 | 178 | J |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 35.4 | 178 | U |
| 191-24-2 | Benzo[ghi]perylene | 55.6 | 35.4 | 178 | J |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 58% | 30-130 |
| Phenol-d5 | 64% | 30-130 |
| Nitrobenzene-d5 | 78% | 30-130 |
| 2-Fluorobiphenyl | 95% | 30-130 |
| 2,4,6-Tribromophenol | 100% | 30-130 |
| Terphenyl-d14 | 109% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4385.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 13:56 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 35.8 | 179 | U |
| 108-95-2 | Phenol | ND | 35.8 | 179 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 35.8 | 179 | U |
| 95-57-8 | 2-Chlorophenol | ND | 35.8 | 179 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 35.8 | 179 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 35.8 | 179 | U |
| 100-51-6 | Benzyl alcohol | ND | 35.8 | 179 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 35.8 | 179 | U |
| 95-48-7 | 2-Methylphenol | ND | 35.8 | 179 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 35.8 | 179 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 35.8 | 179 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 35.8 | 179 | U |
| 67-72-1 | Hexachloroethane | ND | 35.8 | 179 | U |
| 98-95-3 | Nitrobenzene | ND | 35.8 | 179 | U |
| 78-59-1 | Isophorone | ND | 35.8 | 179 | U |
| 88-75-5 | 2-Nitrophenol | ND | 35.8 | 179 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 35.8 | 179 | U |
| 65-85-0 | Benzoic acid | ND | 89.2 | 358 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 35.8 | 179 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 35.8 | 179 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 35.8 | 179 | U |
| 91-20-3 | Naphthalene | ND | 35.8 | 179 | U |
| 106-47-8 | 4-Chloroaniline | ND | 35.8 | 179 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 35.8 | 179 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 35.8 | 179 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 35.8 | 179 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4385.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 13:56 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 35.8 | 179 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 35.8 | 179 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 35.8 | 179 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 35.8 | 179 | U |
| 88-74-4 | 2-Nitroaniline | ND | 35.8 | 179 | U |
| 131-11-3 | Dimethylphthalate | ND | 35.8 | 179 | U |
| 208-96-8 | Acenaphthylene | ND | 35.8 | 179 | U |
| 99-09-2 | 3-Nitroaniline | ND | 35.8 | 179 | U |
| 83-32-9 | Acenaphthene | ND | 35.8 | 179 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 35.8 | 358 | U |
| 100-02-7 | 4-Nitrophenol | ND | 35.8 | 179 | U |
| 132-64-9 | Dibenzofuran | ND | 35.8 | 179 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35.8 | 179 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35.8 | 179 | U |
| 84-66-2 | Diethyl phthalate | ND | 35.8 | 179 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 35.8 | 179 | U |
| 86-73-7 | Fluorene | ND | 35.8 | 179 | U |
| 100-01-6 | 4-Nitroaniline | ND | 35.8 | 179 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 35.8 | 179 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 35.8 | 179 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 35.8 | 179 | U |
| 118-74-1 | Hexachlorobenzene | ND | 35.8 | 179 | U |
| 87-86-5 | Pentachlorophenol | ND | 35.8 | 179 | U |
| 85-01-8 | Phenanthrene | 154 | 35.8 | 179 | J |
| 120-12-7 | Anthracene | ND | 35.8 | 179 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 35.8 | 179 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4385.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 13:56 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 557 | 35.8 | 179 | |
| 129-00-0 | Pyrene | 543 | 35.8 | 179 | |
| 85-68-7 | Butylbenzylphthalate | ND | 35.8 | 179 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 89.2 | 179 | U |
| 56-55-3 | Benzo[a]anthracene | 274 | 35.8 | 179 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 35.8 | 179 | U |
| 218-01-9 | Chrysene | 408 | 35.8 | 179 | |
| 117-84-0 | Di-n-octyl phthalate | ND | 35.8 | 179 | U |
| 205-99-2 | Benzo[b]fluoranthene | 716 | 35.8 | 179 | |
| 207-08-9 | Benzo[k]fluoranthene | 214 | 35.8 | 179 | |
| 50-32-8 | Benzo[a]pyrene | 351 | 35.8 | 179 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 117 | 35.8 | 179 | J |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 35.8 | 179 | U |
| 191-24-2 | Benzo[ghi]perylene | 113 | 35.8 | 179 | J |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 55% | 30-130 |
| Phenol-d5 | 61% | 30-130 |
| Nitrobenzene-d5 | 74% | 30-130 |
| 2-Fluorobiphenyl | 91% | 30-130 |
| 2,4,6-Tribromophenol | 103% | 30-130 |
| Terphenyl-d14 | 117% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14871.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/16/16 18:15 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 35.4 | 178 | U |
| 108-95-2 | Phenol | ND | 35.4 | 178 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 35.4 | 178 | U |
| 95-57-8 | 2-Chlorophenol | ND | 35.4 | 178 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 35.4 | 178 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 35.4 | 178 | U |
| 100-51-6 | Benzyl alcohol | ND | 35.4 | 178 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 35.4 | 178 | U |
| 95-48-7 | 2-Methylphenol | ND | 35.4 | 178 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 35.4 | 178 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 35.4 | 178 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 35.4 | 178 | U |
| 67-72-1 | Hexachloroethane | ND | 35.4 | 178 | U |
| 98-95-3 | Nitrobenzene | ND | 35.4 | 178 | U |
| 78-59-1 | Isophorone | ND | 35.4 | 178 | U |
| 88-75-5 | 2-Nitrophenol | ND | 35.4 | 178 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 35.4 | 178 | U |
| 65-85-0 | Benzoic acid | ND | 88.3 | 354 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 35.4 | 178 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 35.4 | 178 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 35.4 | 178 | U |
| 91-20-3 | Naphthalene | ND | 35.4 | 178 | U |
| 106-47-8 | 4-Chloroaniline | ND | 35.4 | 178 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 35.4 | 178 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 35.4 | 178 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 35.4 | 178 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14871.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/16/16 18:15 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 35.4 | 178 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 35.4 | 178 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 35.4 | 178 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 35.4 | 178 | U |
| 88-74-4 | 2-Nitroaniline | ND | 35.4 | 178 | U |
| 131-11-3 | Dimethylphthalate | ND | 35.4 | 178 | U |
| 208-96-8 | Acenaphthylene | ND | 35.4 | 178 | U |
| 99-09-2 | 3-Nitroaniline | ND | 35.4 | 178 | U |
| 83-32-9 | Acenaphthene | ND | 35.4 | 178 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 35.4 | 354 | U |
| 100-02-7 | 4-Nitrophenol | ND | 35.4 | 178 | U |
| 132-64-9 | Dibenzofuran | ND | 35.4 | 178 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35.4 | 178 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35.4 | 178 | U |
| 84-66-2 | Diethyl phthalate | ND | 35.4 | 178 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 35.4 | 178 | U |
| 86-73-7 | Fluorene | ND | 35.4 | 178 | U |
| 100-01-6 | 4-Nitroaniline | ND | 35.4 | 178 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 35.4 | 178 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 35.4 | 178 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 35.4 | 178 | U |
| 118-74-1 | Hexachlorobenzene | ND | 35.4 | 178 | U |
| 87-86-5 | Pentachlorophenol | ND | 35.4 | 178 | U |
| 85-01-8 | Phenanthrene | ND | 35.4 | 178 | U |
| 120-12-7 | Anthracene | ND | 35.4 | 178 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 35.4 | 178 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14871.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1607 | Analyzed: | 12/16/16 18:15 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 143 | 35.4 | 178 | J |
| 129-00-0 | Pyrene | 185 | 35.4 | 178 | |
| 85-68-7 | Butylbenzylphthalate | ND | 35.4 | 178 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 88.3 | 178 | U |
| 56-55-3 | Benzo[a]anthracene | 101 | 35.4 | 178 | J |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 35.4 | 178 | U |
| 218-01-9 | Chrysene | 154 | 35.4 | 178 | J |
| 117-84-0 | Di-n-octyl phthalate | ND | 35.4 | 178 | U |
| 205-99-2 | Benzo[b]fluoranthene | 221 | 35.4 | 178 | |
| 207-08-9 | Benzo[k]fluoranthene | 66.3 | 35.4 | 178 | J |
| 50-32-8 | Benzo[a]pyrene | 134 | 35.4 | 178 | J |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 109 | 35.4 | 178 | J |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 35.4 | 178 | U |
| 191-24-2 | Benzo[ghi]perylene | 134 | 35.4 | 178 | J |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 63% | 30-130 |
| Phenol-d5 | 71% | 30-130 |
| Nitrobenzene-d5 | 83% | 30-130 |
| 2-Fluorobiphenyl | 89% | 30-130 |
| 2,4,6-Tribromophenol | 62% | 30-130 |
| Terphenyl-d14 | 115% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14846.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 19:50 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 34.7 | 174 | U |
| 108-95-2 | Phenol | ND | 34.7 | 174 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 34.7 | 174 | U |
| 95-57-8 | 2-Chlorophenol | ND | 34.7 | 174 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 34.7 | 174 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 34.7 | 174 | U |
| 100-51-6 | Benzyl alcohol | ND | 34.7 | 174 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 34.7 | 174 | U |
| 95-48-7 | 2-Methylphenol | ND | 34.7 | 174 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 34.7 | 174 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 34.7 | 174 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 34.7 | 174 | U |
| 67-72-1 | Hexachloroethane | ND | 34.7 | 174 | U |
| 98-95-3 | Nitrobenzene | ND | 34.7 | 174 | U |
| 78-59-1 | Isophorone | ND | 34.7 | 174 | U |
| 88-75-5 | 2-Nitrophenol | ND | 34.7 | 174 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 34.7 | 174 | U |
| 65-85-0 | Benzoic acid | ND | 86.5 | 347 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 34.7 | 174 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 34.7 | 174 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 34.7 | 174 | U |
| 91-20-3 | Naphthalene | ND | 34.7 | 174 | U |
| 106-47-8 | 4-Chloroaniline | ND | 34.7 | 174 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 34.7 | 174 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 34.7 | 174 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 34.7 | 174 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14846.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 19:50 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 34.7 | 174 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 34.7 | 174 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 34.7 | 174 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 34.7 | 174 | U |
| 88-74-4 | 2-Nitroaniline | ND | 34.7 | 174 | U |
| 131-11-3 | Dimethylphthalate | ND | 34.7 | 174 | U |
| 208-96-8 | Acenaphthylene | ND | 34.7 | 174 | U |
| 99-09-2 | 3-Nitroaniline | ND | 34.7 | 174 | U |
| 83-32-9 | Acenaphthene | ND | 34.7 | 174 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 34.7 | 347 | U |
| 100-02-7 | 4-Nitrophenol | ND | 34.7 | 174 | U |
| 132-64-9 | Dibenzofuran | ND | 34.7 | 174 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 34.7 | 174 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 34.7 | 174 | U |
| 84-66-2 | Diethyl phthalate | ND | 34.7 | 174 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 34.7 | 174 | U |
| 86-73-7 | Fluorene | ND | 34.7 | 174 | U |
| 100-01-6 | 4-Nitroaniline | ND | 34.7 | 174 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 34.7 | 174 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 34.7 | 174 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 34.7 | 174 | U |
| 118-74-1 | Hexachlorobenzene | ND | 34.7 | 174 | U |
| 87-86-5 | Pentachlorophenol | ND | 34.7 | 174 | U |
| 85-01-8 | Phenanthrene | ND | 34.7 | 174 | U |
| 120-12-7 | Anthracene | ND | 34.7 | 174 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 34.7 | 174 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 3550B GCMS | File ID: | F14846.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1405 | Analyzed: | 12/14/16 19:50 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | ND | 34.7 | 174 | U |
| 129-00-0 | Pyrene | ND | 34.7 | 174 | U |
| 85-68-7 | Butylbenzylphthalate | ND | 34.7 | 174 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 86.5 | 174 | U |
| 56-55-3 | Benzo[a]anthracene | ND | 34.7 | 174 | U |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 34.7 | 174 | U |
| 218-01-9 | Chrysene | ND | 34.7 | 174 | U |
| 117-84-0 | Di-n-octyl phthalate | ND | 34.7 | 174 | U |
| 205-99-2 | Benzo[b]fluoranthene | ND | 34.7 | 174 | U |
| 207-08-9 | Benzo[k]fluoranthene | ND | 34.7 | 174 | U |
| 50-32-8 | Benzo[a]pyrene | ND | 34.7 | 174 | U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 34.7 | 174 | U |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 34.7 | 174 | U |
| 191-24-2 | Benzo[ghi]perylene | ND | 34.7 | 174 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 54% | 30-130 |
| Phenol-d5 | 57% | 30-130 |
| Nitrobenzene-d5 | 62% | 30-130 |
| 2-Fluorobiphenyl | 64% | 30-130 |
| 2,4,6-Tribromophenol | 55% | 30-130 |
| Terphenyl-d14 | 81% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4396.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 21:53 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 39.2 | 196 | U |
| 108-95-2 | Phenol | ND | 39.2 | 196 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 39.2 | 196 | U |
| 95-57-8 | 2-Chlorophenol | ND | 39.2 | 196 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 39.2 | 196 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 39.2 | 196 | U |
| 100-51-6 | Benzyl alcohol | ND | 39.2 | 196 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 39.2 | 196 | U |
| 95-48-7 | 2-Methylphenol | ND | 39.2 | 196 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 39.2 | 196 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 39.2 | 196 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 39.2 | 196 | U |
| 67-72-1 | Hexachloroethane | ND | 39.2 | 196 | U |
| 98-95-3 | Nitrobenzene | ND | 39.2 | 196 | U |
| 78-59-1 | Isophorone | 46.2 | 39.2 | 196 | J |
| 88-75-5 | 2-Nitrophenol | ND | 39.2 | 196 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 39.2 | 196 | U |
| 65-85-0 | Benzoic acid | ND | 97.6 | 392 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 39.2 | 196 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 39.2 | 196 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 39.2 | 196 | U |
| 91-20-3 | Naphthalene | ND | 39.2 | 196 | U |
| 106-47-8 | 4-Chloroaniline | ND | 39.2 | 196 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 39.2 | 196 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 39.2 | 196 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 39.2 | 196 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4396.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 21:53 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 39.2 | 196 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 39.2 | 196 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 39.2 | 196 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 39.2 | 196 | U |
| 88-74-4 | 2-Nitroaniline | ND | 39.2 | 196 | U |
| 131-11-3 | Dimethylphthalate | ND | 39.2 | 196 | U |
| 208-96-8 | Acenaphthylene | ND | 39.2 | 196 | U |
| 99-09-2 | 3-Nitroaniline | ND | 39.2 | 196 | U |
| 83-32-9 | Acenaphthene | ND | 39.2 | 196 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 39.2 | 392 | U |
| 100-02-7 | 4-Nitrophenol | ND | 39.2 | 196 | U |
| 132-64-9 | Dibenzofuran | ND | 39.2 | 196 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 39.2 | 196 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 39.2 | 196 | U |
| 84-66-2 | Diethyl phthalate | ND | 39.2 | 196 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 39.2 | 196 | U |
| 86-73-7 | Fluorene | ND | 39.2 | 196 | U |
| 100-01-6 | 4-Nitroaniline | ND | 39.2 | 196 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 39.2 | 196 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 39.2 | 196 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 39.2 | 196 | U |
| 118-74-1 | Hexachlorobenzene | ND | 39.2 | 196 | U |
| 87-86-5 | Pentachlorophenol | ND | 39.2 | 196 | U |
| 85-01-8 | Phenanthrene | 1160 | 39.2 | 196 | |
| 120-12-7 | Anthracene | 358 | 39.2 | 196 | |
| 84-74-2 | Di-n-butyl phthalate | ND | 39.2 | 196 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4396.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 21:53 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 3220 | 39.2 | 196 | |
| 129-00-0 | Pyrene | 13100 | 39.2 | 196 | E |
| 85-68-7 | Butylbenzylphthalate | ND | 39.2 | 196 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 97.6 | 196 | U |
| 56-55-3 | Benzo[a]anthracene | 4170 | 39.2 | 196 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 600 | 39.2 | 196 | |
| 218-01-9 | Chrysene | 4510 | 39.2 | 196 | |
| 117-84-0 | Di-n-octyl phthalate | 60.0 | 39.2 | 196 | J |
| 205-99-2 | Benzo[b]fluoranthene | 7370 | 39.2 | 196 | E |
| 207-08-9 | Benzo[k]fluoranthene | 2030 | 39.2 | 196 | |
| 50-32-8 | Benzo[a]pyrene | 4330 | 39.2 | 196 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 2080 | 39.2 | 196 | |
| 53-70-3 | Dibenzo(a,h)anthracene | 718 | 39.2 | 196 | |
| 191-24-2 | Benzo[ghi]perylene | 2470 | 39.2 | 196 | |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 2-Fluorophenol | 60% | | 30-130 |
| Phenol-d5 | 67% | | 30-130 |
| Nitrobenzene-d5 | 79% | | 30-130 |
| 2-Fluorobiphenyl | 93% | | 30-130 |
| 2,4,6-Tribromophenol | 86% | | 30-130 |
| Terphenyl-d14 | 281% | * | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4428.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1909 | Analyzed: | 12/19/16 19:00 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 196 | 982 | U |
| 108-95-2 | Phenol | ND | 196 | 982 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 196 | 982 | U |
| 95-57-8 | 2-Chlorophenol | ND | 196 | 982 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 196 | 982 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 196 | 982 | U |
| 100-51-6 | Benzyl alcohol | ND | 196 | 982 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 196 | 982 | U |
| 95-48-7 | 2-Methylphenol | ND | 196 | 982 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 196 | 982 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 196 | 982 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 196 | 982 | U |
| 67-72-1 | Hexachloroethane | ND | 196 | 982 | U |
| 98-95-3 | Nitrobenzene | ND | 196 | 982 | U |
| 78-59-1 | Isophorone | ND | 196 | 982 | U |
| 88-75-5 | 2-Nitrophenol | ND | 196 | 982 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 196 | 982 | U |
| 65-85-0 | Benzoic acid | ND | 488 | 1960 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 196 | 982 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 196 | 982 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 196 | 982 | U |
| 91-20-3 | Naphthalene | ND | 196 | 982 | U |
| 106-47-8 | 4-Chloroaniline | ND | 196 | 982 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 196 | 982 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 196 | 982 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 196 | 982 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4428.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1909 | Analyzed: | 12/19/16 19:00 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 196 | 982 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 196 | 982 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 196 | 982 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 196 | 982 | U |
| 88-74-4 | 2-Nitroaniline | ND | 196 | 982 | U |
| 131-11-3 | Dimethylphthalate | ND | 196 | 982 | U |
| 208-96-8 | Acenaphthylene | ND | 196 | 982 | U |
| 99-09-2 | 3-Nitroaniline | ND | 196 | 982 | U |
| 83-32-9 | Acenaphthene | ND | 196 | 982 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 196 | 1960 | U |
| 100-02-7 | 4-Nitrophenol | ND | 196 | 982 | U |
| 132-64-9 | Dibenzofuran | ND | 196 | 982 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 196 | 982 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 196 | 982 | U |
| 84-66-2 | Diethyl phthalate | ND | 196 | 982 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 196 | 982 | U |
| 86-73-7 | Fluorene | ND | 196 | 982 | U |
| 100-01-6 | 4-Nitroaniline | ND | 196 | 982 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 196 | 982 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 196 | 982 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 196 | 982 | U |
| 118-74-1 | Hexachlorobenzene | ND | 196 | 982 | U |
| 87-86-5 | Pentachlorophenol | ND | 196 | 982 | U |
| 85-01-8 | Phenanthrene | 1100 | 196 | 982 | D |
| 120-12-7 | Anthracene | 350 | 196 | 982 | J, D |
| 84-74-2 | Di-n-butyl phthalate | ND | 196 | 982 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4428.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1909 | Analyzed: | 12/19/16 19:00 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 5280 | 196 | 982 | D |
| 129-00-0 | Pyrene | 6010 | 196 | 982 | D |
| 85-68-7 | Butylbenzylphthalate | ND | 196 | 982 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 488 | 982 | U |
| 56-55-3 | Benzo[a]anthracene | 3920 | 196 | 982 | D |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 311 | 196 | 982 | J, D |
| 218-01-9 | Chrysene | 4350 | 196 | 982 | D |
| 117-84-0 | Di-n-octyl phthalate | ND | 196 | 982 | U |
| 205-99-2 | Benzo[b]fluoranthene | 8060 | 196 | 982 | D |
| 207-08-9 | Benzo[k]fluoranthene | 2540 | 196 | 982 | D |
| 50-32-8 | Benzo[a]pyrene | 4190 | 196 | 982 | D |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1090 | 196 | 982 | D |
| 53-70-3 | Dibenzo(a,h)anthracene | 387 | 196 | 982 | J, D |
| 191-24-2 | Benzo[ghi]perylene | 1100 | 196 | 982 | D |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 64% | 30-130 |
| Phenol-d5 | 70% | 30-130 |
| Nitrobenzene-d5 | 80% | 30-130 |
| 2-Fluorobiphenyl | 94% | 30-130 |
| 2,4,6-Tribromophenol | 82% | 30-130 |
| Terphenyl-d14 | 112% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4390.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 17:34 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 35.4 | 178 | U |
| 108-95-2 | Phenol | ND | 35.4 | 178 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 35.4 | 178 | U |
| 95-57-8 | 2-Chlorophenol | ND | 35.4 | 178 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 35.4 | 178 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 35.4 | 178 | U |
| 100-51-6 | Benzyl alcohol | ND | 35.4 | 178 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 35.4 | 178 | U |
| 95-48-7 | 2-Methylphenol | ND | 35.4 | 178 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 35.4 | 178 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 35.4 | 178 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 35.4 | 178 | U |
| 67-72-1 | Hexachloroethane | ND | 35.4 | 178 | U |
| 98-95-3 | Nitrobenzene | ND | 35.4 | 178 | U |
| 78-59-1 | Isophorone | ND | 35.4 | 178 | U |
| 88-75-5 | 2-Nitrophenol | ND | 35.4 | 178 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 35.4 | 178 | U |
| 65-85-0 | Benzoic acid | ND | 88.3 | 354 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 35.4 | 178 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 35.4 | 178 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 35.4 | 178 | U |
| 91-20-3 | Naphthalene | ND | 35.4 | 178 | U |
| 106-47-8 | 4-Chloroaniline | ND | 35.4 | 178 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 35.4 | 178 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 35.4 | 178 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 35.4 | 178 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4390.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 17:34 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 35.4 | 178 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 35.4 | 178 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 35.4 | 178 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 35.4 | 178 | U |
| 88-74-4 | 2-Nitroaniline | ND | 35.4 | 178 | U |
| 131-11-3 | Dimethylphthalate | ND | 35.4 | 178 | U |
| 208-96-8 | Acenaphthylene | ND | 35.4 | 178 | U |
| 99-09-2 | 3-Nitroaniline | ND | 35.4 | 178 | U |
| 83-32-9 | Acenaphthene | ND | 35.4 | 178 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 35.4 | 354 | U |
| 100-02-7 | 4-Nitrophenol | ND | 35.4 | 178 | U |
| 132-64-9 | Dibenzofuran | ND | 35.4 | 178 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35.4 | 178 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35.4 | 178 | U |
| 84-66-2 | Diethyl phthalate | ND | 35.4 | 178 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 35.4 | 178 | U |
| 86-73-7 | Fluorene | ND | 35.4 | 178 | U |
| 100-01-6 | 4-Nitroaniline | ND | 35.4 | 178 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 35.4 | 178 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 35.4 | 178 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 35.4 | 178 | U |
| 118-74-1 | Hexachlorobenzene | ND | 35.4 | 178 | U |
| 87-86-5 | Pentachlorophenol | ND | 35.4 | 178 | U |
| 85-01-8 | Phenanthrene | 48.7 | 35.4 | 178 | J |
| 120-12-7 | Anthracene | ND | 35.4 | 178 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 35.4 | 178 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 3550B GCMS | File ID: | B4390.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 17:34 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 143 | 35.4 | 178 | J |
| 129-00-0 | Pyrene | 210 | 35.4 | 178 | |
| 85-68-7 | Butylbenzylphthalate | ND | 35.4 | 178 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 88.3 | 178 | U |
| 56-55-3 | Benzo[a]anthracene | 88.3 | 35.4 | 178 | J |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 42.7 | 35.4 | 178 | J |
| 218-01-9 | Chrysene | 96.2 | 35.4 | 178 | J |
| 117-84-0 | Di-n-octyl phthalate | ND | 35.4 | 178 | U |
| 205-99-2 | Benzo[b]fluoranthene | 172 | 35.4 | 178 | J |
| 207-08-9 | Benzo[k]fluoranthene | 56.1 | 35.4 | 178 | J |
| 50-32-8 | Benzo[a]pyrene | 94.8 | 35.4 | 178 | J |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 37.1 | 35.4 | 178 | J |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 35.4 | 178 | U |
| 191-24-2 | Benzo[ghi]perylene | 41.4 | 35.4 | 178 | J |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 2-Fluorophenol | 56% | | 30-130 |
| Phenol-d5 | 63% | | 30-130 |
| Nitrobenzene-d5 | 75% | | 30-130 |
| 2-Fluorobiphenyl | 91% | | 30-130 |
| 2,4,6-Tribromophenol | 98% | | 30-130 |
| Terphenyl-d14 | 156% | * | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 3550B GCMS | File ID: | B4397.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 22:36 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 35.4 | 177 | U |
| 108-95-2 | Phenol | ND | 35.4 | 177 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 35.4 | 177 | U |
| 95-57-8 | 2-Chlorophenol | ND | 35.4 | 177 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 35.4 | 177 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 35.4 | 177 | U |
| 100-51-6 | Benzyl alcohol | ND | 35.4 | 177 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 35.4 | 177 | U |
| 95-48-7 | 2-Methylphenol | ND | 35.4 | 177 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 35.4 | 177 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 35.4 | 177 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 35.4 | 177 | U |
| 67-72-1 | Hexachloroethane | ND | 35.4 | 177 | U |
| 98-95-3 | Nitrobenzene | ND | 35.4 | 177 | U |
| 78-59-1 | Isophorone | ND | 35.4 | 177 | U |
| 88-75-5 | 2-Nitrophenol | ND | 35.4 | 177 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 35.4 | 177 | U |
| 65-85-0 | Benzoic acid | ND | 88.1 | 354 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 35.4 | 177 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 35.4 | 177 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 35.4 | 177 | U |
| 91-20-3 | Naphthalene | ND | 35.4 | 177 | U |
| 106-47-8 | 4-Chloroaniline | ND | 35.4 | 177 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 35.4 | 177 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 35.4 | 177 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 35.4 | 177 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 3550B GCMS | File ID: | B4397.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 22:36 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 35.4 | 177 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 35.4 | 177 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 35.4 | 177 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 35.4 | 177 | U |
| 88-74-4 | 2-Nitroaniline | ND | 35.4 | 177 | U |
| 131-11-3 | Dimethylphthalate | ND | 35.4 | 177 | U |
| 208-96-8 | Acenaphthylene | ND | 35.4 | 177 | U |
| 99-09-2 | 3-Nitroaniline | ND | 35.4 | 177 | U |
| 83-32-9 | Acenaphthene | 73.8 | 35.4 | 177 | J |
| 51-28-5 | 2,4-Dinitrophenol | ND | 35.4 | 354 | U |
| 100-02-7 | 4-Nitrophenol | ND | 35.4 | 177 | U |
| 132-64-9 | Dibenzofuran | 51.3 | 35.4 | 177 | J |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 35.4 | 177 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 35.4 | 177 | U |
| 84-66-2 | Diethyl phthalate | ND | 35.4 | 177 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 35.4 | 177 | U |
| 86-73-7 | Fluorene | 94.1 | 35.4 | 177 | J |
| 100-01-6 | 4-Nitroaniline | ND | 35.4 | 177 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 35.4 | 177 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 35.4 | 177 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 35.4 | 177 | U |
| 118-74-1 | Hexachlorobenzene | ND | 35.4 | 177 | U |
| 87-86-5 | Pentachlorophenol | ND | 35.4 | 177 | U |
| 85-01-8 | Phenanthrene | 2820 | 35.4 | 177 | |
| 120-12-7 | Anthracene | 244 | 35.4 | 177 | |
| 84-74-2 | Di-n-butyl phthalate | 71.8 | 35.4 | 177 | J |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 3550B GCMS | File ID: | B4397.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1506 | Analyzed: | 12/15/16 22:36 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 5080 | 35.4 | 177 | E |
| 129-00-0 | Pyrene | 9470 | 35.4 | 177 | E |
| 85-68-7 | Butylbenzylphthalate | ND | 35.4 | 177 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 88.1 | 177 | U |
| 56-55-3 | Benzo[a]anthracene | 2930 | 35.4 | 177 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 338 | 35.4 | 177 | |
| 218-01-9 | Chrysene | 4400 | 35.4 | 177 | E |
| 117-84-0 | Di-n-octyl phthalate | ND | 35.4 | 177 | U |
| 205-99-2 | Benzo[b]fluoranthene | 6010 | 35.4 | 177 | E |
| 207-08-9 | Benzo[k]fluoranthene | 1560 | 35.4 | 177 | |
| 50-32-8 | Benzo[a]pyrene | 3190 | 35.4 | 177 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 2240 | 35.4 | 177 | |
| 53-70-3 | Dibenzo(a,h)anthracene | 760 | 35.4 | 177 | |
| 191-24-2 | Benzo[ghi]perylene | 2440 | 35.4 | 177 | |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 2-Fluorophenol | 51% | | 30-130 |
| Phenol-d5 | 60% | | 30-130 |
| Nitrobenzene-d5 | 68% | | 30-130 |
| 2-Fluorobiphenyl | 89% | | 30-130 |
| 2,4,6-Tribromophenol | 91% | | 30-130 |
| Terphenyl-d14 | 167% | * | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 3550B GCMS | File ID: | B4429.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1909 | Analyzed: | 12/19/16 19:44 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 177 | 886 | U |
| 108-95-2 | Phenol | ND | 177 | 886 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 177 | 886 | U |
| 95-57-8 | 2-Chlorophenol | ND | 177 | 886 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 177 | 886 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 177 | 886 | U |
| 100-51-6 | Benzyl alcohol | ND | 177 | 886 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 177 | 886 | U |
| 95-48-7 | 2-Methylphenol | ND | 177 | 886 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 177 | 886 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 177 | 886 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 177 | 886 | U |
| 67-72-1 | Hexachloroethane | ND | 177 | 886 | U |
| 98-95-3 | Nitrobenzene | ND | 177 | 886 | U |
| 78-59-1 | Isophorone | ND | 177 | 886 | U |
| 88-75-5 | 2-Nitrophenol | ND | 177 | 886 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 177 | 886 | U |
| 65-85-0 | Benzoic acid | ND | 441 | 1770 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 177 | 886 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 177 | 886 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 177 | 886 | U |
| 91-20-3 | Naphthalene | ND | 177 | 886 | U |
| 106-47-8 | 4-Chloroaniline | ND | 177 | 886 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 177 | 886 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 177 | 886 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 177 | 886 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 3550B GCMS | File ID: | B4429.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1909 | Analyzed: | 12/19/16 19:44 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 177 | 886 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 177 | 886 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 177 | 886 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 177 | 886 | U |
| 88-74-4 | 2-Nitroaniline | ND | 177 | 886 | U |
| 131-11-3 | Dimethylphthalate | ND | 177 | 886 | U |
| 208-96-8 | Acenaphthylene | ND | 177 | 886 | U |
| 99-09-2 | 3-Nitroaniline | ND | 177 | 886 | U |
| 83-32-9 | Acenaphthene | ND | 177 | 886 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 177 | 1770 | U |
| 100-02-7 | 4-Nitrophenol | ND | 177 | 886 | U |
| 132-64-9 | Dibenzofuran | ND | 177 | 886 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 177 | 886 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 177 | 886 | U |
| 84-66-2 | Diethyl phthalate | ND | 177 | 886 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 177 | 886 | U |
| 86-73-7 | Fluorene | ND | 177 | 886 | U |
| 100-01-6 | 4-Nitroaniline | ND | 177 | 886 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 177 | 886 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 177 | 886 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 177 | 886 | U |
| 118-74-1 | Hexachlorobenzene | ND | 177 | 886 | U |
| 87-86-5 | Pentachlorophenol | ND | 177 | 886 | U |
| 85-01-8 | Phenanthrene | 2810 | 177 | 886 | D |
| 120-12-7 | Anthracene | 249 | 177 | 886 | J, D |
| 84-74-2 | Di-n-butyl phthalate | ND | 177 | 886 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/13/16 12:28 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 3550B GCMS | File ID: | B4429.D |
| Prep Batch: | B6L1313 | Sequence: | S6L1909 | Analyzed: | 12/19/16 19:44 |
| Dilution: | 5 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 7350 | 177 | 886 | D |
| 129-00-0 | Pyrene | 7600 | 177 | 886 | D |
| 85-68-7 | Butylbenzylphthalate | ND | 177 | 886 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 441 | 886 | U |
| 56-55-3 | Benzo[a]anthracene | 2860 | 177 | 886 | D |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 275 | 177 | 886 | J, D |
| 218-01-9 | Chrysene | 4240 | 177 | 886 | D |
| 117-84-0 | Di-n-octyl phthalate | ND | 177 | 886 | U |
| 205-99-2 | Benzo[b]fluoranthene | 7460 | 177 | 886 | D |
| 207-08-9 | Benzo[k]fluoranthene | 1820 | 177 | 886 | D |
| 50-32-8 | Benzo[a]pyrene | 3170 | 177 | 886 | D |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1030 | 177 | 886 | D |
| 53-70-3 | Dibenzo(a,h)anthracene | 309 | 177 | 886 | J, D |
| 191-24-2 | Benzo[ghi]perylene | 979 | 177 | 886 | D |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 55% | 30-130 |
| Phenol-d5 | 64% | 30-130 |
| Nitrobenzene-d5 | 70% | 30-130 |
| 2-Fluorobiphenyl | 90% | 30-130 |
| 2,4,6-Tribromophenol | 83% | 30-130 |
| Terphenyl-d14 | 119% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/11/16 09:40 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 3550B GCMS | File ID: | B4392.D |
| Prep Batch: | B6L1101 | Sequence: | S6L1506 | Analyzed: | 12/15/16 19:00 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 2350 | 11800 | U |
| 108-95-2 | Phenol | ND | 2350 | 11800 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 2350 | 11800 | U |
| 95-57-8 | 2-Chlorophenol | ND | 2350 | 11800 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 2350 | 11800 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 2350 | 11800 | U |
| 100-51-6 | Benzyl alcohol | ND | 2350 | 11800 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 2350 | 11800 | U |
| 95-48-7 | 2-Methylphenol | ND | 2350 | 11800 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 2350 | 11800 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 2350 | 11800 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 2350 | 11800 | U |
| 67-72-1 | Hexachloroethane | ND | 2350 | 11800 | U |
| 98-95-3 | Nitrobenzene | ND | 2350 | 11800 | U |
| 78-59-1 | Isophorone | ND | 2350 | 11800 | U |
| 88-75-5 | 2-Nitrophenol | ND | 2350 | 11800 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 2350 | 11800 | U |
| 65-85-0 | Benzoic acid | ND | 5850 | 23500 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 2350 | 11800 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 2350 | 11800 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 2350 | 11800 | U |
| 91-20-3 | Naphthalene | ND | 2350 | 11800 | U |
| 106-47-8 | 4-Chloroaniline | ND | 2350 | 11800 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 2350 | 11800 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 2350 | 11800 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 2350 | 11800 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/11/16 09:40 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 3550B GCMS | File ID: | B4392.D |
| Prep Batch: | B6L1101 | Sequence: | S6L1506 | Analyzed: | 12/15/16 19:00 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 2350 | 11800 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 2350 | 11800 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 2350 | 11800 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 2350 | 11800 | U |
| 88-74-4 | 2-Nitroaniline | ND | 2350 | 11800 | U |
| 131-11-3 | Dimethylphthalate | ND | 2350 | 11800 | U |
| 208-96-8 | Acenaphthylene | ND | 2350 | 11800 | U |
| 99-09-2 | 3-Nitroaniline | ND | 2350 | 11800 | U |
| 83-32-9 | Acenaphthene | ND | 2350 | 11800 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 2350 | 23500 | U |
| 100-02-7 | 4-Nitrophenol | ND | 2350 | 11800 | U |
| 132-64-9 | Dibenzofuran | ND | 2350 | 11800 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 2350 | 11800 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 2350 | 11800 | U |
| 84-66-2 | Diethyl phthalate | ND | 2350 | 11800 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 2350 | 11800 | U |
| 86-73-7 | Fluorene | ND | 2350 | 11800 | U |
| 100-01-6 | 4-Nitroaniline | ND | 2350 | 11800 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 2350 | 11800 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 2350 | 11800 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 2350 | 11800 | U |
| 118-74-1 | Hexachlorobenzene | ND | 2350 | 11800 | U |
| 87-86-5 | Pentachlorophenol | ND | 2350 | 11800 | U |
| 85-01-8 | Phenanthrene | 3090 | 2350 | 11800 | J |
| 120-12-7 | Anthracene | ND | 2350 | 11800 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 2350 | 11800 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/11/16 09:40 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 3550B GCMS | File ID: | B4392.D |
| Prep Batch: | B6L1101 | Sequence: | S6L1506 | Analyzed: | 12/15/16 19:00 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 5320 | 2350 | 11800 | J |
| 129-00-0 | Pyrene | 15400 | 2350 | 11800 | |
| 85-68-7 | Butylbenzylphthalate | ND | 2350 | 11800 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 5850 | 11800 | U |
| 56-55-3 | Benzo[a]anthracene | 3640 | 2350 | 11800 | J |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 11500 | 2350 | 11800 | J |
| 218-01-9 | Chrysene | 4980 | 2350 | 11800 | J |
| 117-84-0 | Di-n-octyl phthalate | ND | 2350 | 11800 | U |
| 205-99-2 | Benzo[b]fluoranthene | 7850 | 2350 | 11800 | J |
| 207-08-9 | Benzo[k]fluoranthene | 2900 | 2350 | 11800 | J |
| 50-32-8 | Benzo[a]pyrene | 3190 | 2350 | 11800 | J |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | 2350 | 11800 | U |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | 2350 | 11800 | U |
| 191-24-2 | Benzo[ghi]perylene | ND | 2350 | 11800 | U |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 2-Fluorophenol | 66% | | 30-130 |
| Phenol-d5 | 69% | | 30-130 |
| Nitrobenzene-d5 | 83% | | 30-130 |
| 2-Fluorobiphenyl | 96% | | 30-130 |
| 2,4,6-Tribromophenol | 81% | | 30-130 |
| Terphenyl-d14 | 249% | * | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/11/16 09:40 | Matrix: | Soil |
| Percent Solids: | 89.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4384.D |
| Prep Batch: | B6L1101 | Sequence: | S6L1506 | Analyzed: | 12/15/16 13:12 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 62-75-9 | N-Nitrosodimethylamine | ND | 37.4 | 187 | U |
| 108-95-2 | Phenol | ND | 37.4 | 187 | U |
| 111-44-4 | bis(2-chloroethyl)ether | ND | 37.4 | 187 | U |
| 95-57-8 | 2-Chlorophenol | ND | 37.4 | 187 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 37.4 | 187 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 37.4 | 187 | U |
| 100-51-6 | Benzyl alcohol | ND | 37.4 | 187 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 37.4 | 187 | U |
| 95-48-7 | 2-Methylphenol | ND | 37.4 | 187 | U |
| 39638-32-9 | bis(2-chloroisopropyl)ether | ND | 37.4 | 187 | U |
| 106-44-5 | 3 & 4-Methylphenol | ND | 37.4 | 187 | U |
| 621-64-7 | N-Nitroso-di-n-propylamine | ND | 37.4 | 187 | U |
| 67-72-1 | Hexachloroethane | ND | 37.4 | 187 | U |
| 98-95-3 | Nitrobenzene | ND | 37.4 | 187 | U |
| 78-59-1 | Isophorone | ND | 37.4 | 187 | U |
| 88-75-5 | 2-Nitrophenol | ND | 37.4 | 187 | U |
| 105-67-9 | 2,4-Dimethylphenol | ND | 37.4 | 187 | U |
| 65-85-0 | Benzoic acid | ND | 93.2 | 374 | U |
| 111-91-1 | bis(2-chloroethoxy)methane | ND | 37.4 | 187 | U |
| 120-83-2 | 2,4-Dichlorophenol | ND | 37.4 | 187 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 37.4 | 187 | U |
| 91-20-3 | Naphthalene | ND | 37.4 | 187 | U |
| 106-47-8 | 4-Chloroaniline | ND | 37.4 | 187 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 37.4 | 187 | U |
| 59-50-7 | 4-Chloro-3-methylphenol | ND | 37.4 | 187 | U |
| 91-57-6 | 2-Methylnaphthylene | ND | 37.4 | 187 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/11/16 09:40 | Matrix: | Soil |
| Percent Solids: | 89.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4384.D |
| Prep Batch: | B6L1101 | Sequence: | S6L1506 | Analyzed: | 12/15/16 13:12 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 77-47-4 | Hexachlorocyclopentadiene | ND | 37.4 | 187 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | ND | 37.4 | 187 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | ND | 37.4 | 187 | U |
| 91-58-7 | 2-Chloronaphthalene | ND | 37.4 | 187 | U |
| 88-74-4 | 2-Nitroaniline | ND | 37.4 | 187 | U |
| 131-11-3 | Dimethylphthalate | ND | 37.4 | 187 | U |
| 208-96-8 | Acenaphthylene | ND | 37.4 | 187 | U |
| 99-09-2 | 3-Nitroaniline | ND | 37.4 | 187 | U |
| 83-32-9 | Acenaphthene | ND | 37.4 | 187 | U |
| 51-28-5 | 2,4-Dinitrophenol | ND | 37.4 | 374 | U |
| 100-02-7 | 4-Nitrophenol | ND | 37.4 | 187 | U |
| 132-64-9 | Dibenzofuran | ND | 37.4 | 187 | U |
| 606-20-2 | 2,6-Dinitrotoluene | ND | 37.4 | 187 | U |
| 121-14-2 | 2,4-Dinitrotoluene | ND | 37.4 | 187 | U |
| 84-66-2 | Diethyl phthalate | ND | 37.4 | 187 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ND | 37.4 | 187 | U |
| 86-73-7 | Fluorene | ND | 37.4 | 187 | U |
| 100-01-6 | 4-Nitroaniline | ND | 37.4 | 187 | U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ND | 37.4 | 187 | U |
| 86-30-6 | N-Nitrosodiphenylamine | ND | 37.4 | 187 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | ND | 37.4 | 187 | U |
| 118-74-1 | Hexachlorobenzene | ND | 37.4 | 187 | U |
| 87-86-5 | Pentachlorophenol | ND | 37.4 | 187 | U |
| 85-01-8 | Phenanthrene | 151 | 37.4 | 187 | J |
| 120-12-7 | Anthracene | ND | 37.4 | 187 | U |
| 84-74-2 | Di-n-butyl phthalate | ND | 37.4 | 187 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8270

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/11/16 09:40 | Matrix: | Soil |
| Percent Solids: | 89.10 | Prep Method: | EPA 3550B GCMS | File ID: | B4384.D |
| Prep Batch: | B6L1101 | Sequence: | S6L1506 | Analyzed: | 12/15/16 13:12 |
| Dilution: | 1 | | | Analyst: | DSM |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 603 | 37.4 | 187 | |
| 129-00-0 | Pyrene | 578 | 37.4 | 187 | |
| 85-68-7 | Butylbenzylphthalate | ND | 37.4 | 187 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ND | 93.2 | 187 | U |
| 56-55-3 | Benzo[a]anthracene | 333 | 37.4 | 187 | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | ND | 37.4 | 187 | U |
| 218-01-9 | Chrysene | 465 | 37.4 | 187 | |
| 117-84-0 | Di-n-octyl phthalate | ND | 37.4 | 187 | U |
| 205-99-2 | Benzo[b]fluoranthene | 747 | 37.4 | 187 | |
| 207-08-9 | Benzo[k]fluoranthene | 232 | 37.4 | 187 | |
| 50-32-8 | Benzo[a]pyrene | 401 | 37.4 | 187 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 160 | 37.4 | 187 | J |
| 53-70-3 | Dibenzo(a,h)anthracene | 44.6 | 37.4 | 187 | J |
| 191-24-2 | Benzo[ghi]perylene | 173 | 37.4 | 187 | J |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 2-Fluorophenol | 54% | 30-130 |
| Phenol-d5 | 59% | 30-130 |
| Nitrobenzene-d5 | 72% | 30-130 |
| 2-Fluorobiphenyl | 86% | 30-130 |
| 2,4,6-Tribromophenol | 89% | 30-130 |
| Terphenyl-d14 | 101% | 30-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# VOLATILES SAMPLE DATA

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 15:39 | Matrix: | Soil |
| Percent Solids: | 91.30 | Prep Method: | EPA 5035A | File ID: | A10725.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 15:39 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.57 | 11.0 | U |
| 107-13-1 | Acrylonitrile | ND | 2.19 | 11.0 | U |
| 67-64-1 | Acetone | ND | 1.10 | 2.19 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.10 | 2.19 | U |
| 74-87-3 | Chloromethane | ND | 1.10 | 2.19 | U |
| 75-01-4 | Vinyl chloride | ND | 1.10 | 2.19 | U |
| 74-83-9 | Bromomethane | ND | 1.10 | 2.19 | U |
| 75-00-3 | Chloroethane | ND | 1.10 | 2.19 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.10 | 2.19 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.10 | 2.19 | U |
| 75-15-0 | Carbon disulfide | ND | 1.10 | 2.19 | U |
| 75-09-2 | Methylene Chloride | ND | 1.10 | 2.19 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.10 | 2.19 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.10 | 2.19 | U |
| 108-05-4 | Vinyl acetate | ND | 1.10 | 2.19 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.10 | 2.19 | U |
| 78-93-3 | 2-Butanone | ND | 1.10 | 2.19 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.10 | 2.19 | U |
| 67-66-3 | Chloroform | ND | 1.10 | 2.19 | U |
| 74-97-5 | Bromochloromethane | ND | 1.10 | 2.19 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.10 | 2.19 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.10 | 2.19 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.10 | 2.19 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.10 | 2.19 | U |
| 71-43-2 | Benzene | ND | 1.10 | 2.19 | U |
| 79-01-6 | Trichloroethene | ND | 1.10 | 2.19 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 15:39 | Matrix: | Soil |
| Percent Solids: | 91.30 | Prep Method: | EPA 5035A | File ID: | A10725.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 15:39 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.10 | 2.19 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.10 | 2.19 | U |
| 74-95-3 | Dibromomethane | ND | 1.10 | 2.19 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.10 | 2.19 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.10 | 2.19 | U |
| 108-88-3 | Toluene | ND | 1.10 | 2.19 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.10 | 2.19 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.10 | 2.19 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.10 | 2.19 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.10 | 2.19 | U |
| 591-78-6 | 2-Hexanone | ND | 1.10 | 2.19 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.10 | 2.19 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.10 | 2.19 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.10 | 2.19 | U |
| 100-41-4 | Ethylbenzene | ND | 1.10 | 2.19 | U |
| 108-90-7 | Chlorobenzene | ND | 1.10 | 2.19 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.10 | 2.19 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.19 | 4.38 | U |
| 95-47-6 | o-Xylene | ND | 2.19 | 4.38 | U |
| 100-42-5 | Styrene | ND | 1.10 | 4.38 | U |
| 75-25-2 | Bromoform | ND | 1.10 | 2.19 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.10 | 2.19 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.10 | 2.19 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.10 | 2.19 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.10 | 2.19 | U |
| 108-86-1 | Bromobenzene | ND | 1.10 | 2.19 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 15:39 | Matrix: | Soil |
| Percent Solids: | 91.30 | Prep Method: | EPA 5035A | File ID: | A10725.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 15:39 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.10 | 2.19 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.10 | 2.19 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.10 | 2.19 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.10 | 2.19 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.10 | 2.19 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.10 | 2.19 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.10 | 2.19 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.10 | 2.19 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.10 | 2.19 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.10 | 2.19 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.10 | 2.19 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.10 | 2.19 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.10 | 2.19 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.10 | 2.19 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.10 | 2.19 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 114% | 70-130 |
| Toluene-d8 | 102% | 70-130 |
| Bromofluorobenzene | 92% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 16:11 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 5035A | File ID: | A10726.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 16:11 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.25 | 10.4 | U |
| 107-13-1 | Acrylonitrile | ND | 2.08 | 10.4 | U |
| 67-64-1 | Acetone | ND | 1.04 | 2.08 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.04 | 2.08 | U |
| 74-87-3 | Chloromethane | ND | 1.04 | 2.08 | U |
| 75-01-4 | Vinyl chloride | ND | 1.04 | 2.08 | U |
| 74-83-9 | Bromomethane | ND | 1.04 | 2.08 | U |
| 75-00-3 | Chloroethane | ND | 1.04 | 2.08 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.04 | 2.08 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.04 | 2.08 | U |
| 75-15-0 | Carbon disulfide | ND | 1.04 | 2.08 | U |
| 75-09-2 | Methylene Chloride | ND | 1.04 | 2.08 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.04 | 2.08 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.04 | 2.08 | U |
| 108-05-4 | Vinyl acetate | ND | 1.04 | 2.08 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.04 | 2.08 | U |
| 78-93-3 | 2-Butanone | ND | 1.04 | 2.08 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.04 | 2.08 | U |
| 67-66-3 | Chloroform | ND | 1.04 | 2.08 | U |
| 74-97-5 | Bromochloromethane | ND | 1.04 | 2.08 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.04 | 2.08 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.04 | 2.08 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.04 | 2.08 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.04 | 2.08 | U |
| 71-43-2 | Benzene | ND | 1.04 | 2.08 | U |
| 79-01-6 | Trichloroethene | ND | 1.04 | 2.08 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 16:11 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 5035A | File ID: | A10726.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 16:11 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.04 | 2.08 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.04 | 2.08 | U |
| 74-95-3 | Dibromomethane | ND | 1.04 | 2.08 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.04 | 2.08 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.04 | 2.08 | U |
| 108-88-3 | Toluene | ND | 1.04 | 2.08 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.04 | 2.08 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.04 | 2.08 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.04 | 2.08 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.04 | 2.08 | U |
| 591-78-6 | 2-Hexanone | ND | 1.04 | 2.08 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.04 | 2.08 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.04 | 2.08 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.04 | 2.08 | U |
| 100-41-4 | Ethylbenzene | ND | 1.04 | 2.08 | U |
| 108-90-7 | Chlorobenzene | ND | 1.04 | 2.08 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.04 | 2.08 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.08 | 4.17 | U |
| 95-47-6 | o-Xylene | ND | 2.08 | 4.17 | U |
| 100-42-5 | Styrene | ND | 1.04 | 4.17 | U |
| 75-25-2 | Bromoform | ND | 1.04 | 2.08 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.04 | 2.08 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.04 | 2.08 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.04 | 2.08 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.04 | 2.08 | U |
| 108-86-1 | Bromobenzene | ND | 1.04 | 2.08 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 16:11 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 5035A | File ID: | A10726.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 16:11 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.04 | 2.08 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.04 | 2.08 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.04 | 2.08 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.04 | 2.08 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.04 | 2.08 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.04 | 2.08 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.04 | 2.08 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.04 | 2.08 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.04 | 2.08 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.04 | 2.08 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.04 | 2.08 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.04 | 2.08 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.04 | 2.08 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.04 | 2.08 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.04 | 2.08 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 120% | 70-130 |
| Toluene-d8 | 103% | 70-130 |
| Bromofluorobenzene | 85% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 16:42 | Matrix: | Soil |
| Percent Solids: | 91.10 | Prep Method: | EPA 5035A | File ID: | A10727.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 16:42 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.59 | 11.0 | U |
| 107-13-1 | Acrylonitrile | ND | 2.20 | 11.0 | U |
| 67-64-1 | Acetone | ND | 1.10 | 2.20 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.10 | 2.20 | U |
| 74-87-3 | Chloromethane | ND | 1.10 | 2.20 | U |
| 75-01-4 | Vinyl chloride | ND | 1.10 | 2.20 | U |
| 74-83-9 | Bromomethane | ND | 1.10 | 2.20 | U |
| 75-00-3 | Chloroethane | ND | 1.10 | 2.20 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.10 | 2.20 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.10 | 2.20 | U |
| 75-15-0 | Carbon disulfide | ND | 1.10 | 2.20 | U |
| 75-09-2 | Methylene Chloride | ND | 1.10 | 2.20 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.10 | 2.20 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.10 | 2.20 | U |
| 108-05-4 | Vinyl acetate | ND | 1.10 | 2.20 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.10 | 2.20 | U |
| 78-93-3 | 2-Butanone | ND | 1.10 | 2.20 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.10 | 2.20 | U |
| 67-66-3 | Chloroform | ND | 1.10 | 2.20 | U |
| 74-97-5 | Bromochloromethane | ND | 1.10 | 2.20 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.10 | 2.20 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.10 | 2.20 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.10 | 2.20 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.10 | 2.20 | U |
| 71-43-2 | Benzene | ND | 1.10 | 2.20 | U |
| 79-01-6 | Trichloroethene | ND | 1.10 | 2.20 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 16:42 | Matrix: | Soil |
| Percent Solids: | 91.10 | Prep Method: | EPA 5035A | File ID: | A10727.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 16:42 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.10 | 2.20 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.10 | 2.20 | U |
| 74-95-3 | Dibromomethane | ND | 1.10 | 2.20 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.10 | 2.20 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.10 | 2.20 | U |
| 108-88-3 | Toluene | ND | 1.10 | 2.20 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.10 | 2.20 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.10 | 2.20 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.10 | 2.20 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.10 | 2.20 | U |
| 591-78-6 | 2-Hexanone | ND | 1.10 | 2.20 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.10 | 2.20 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.10 | 2.20 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.10 | 2.20 | U |
| 100-41-4 | Ethylbenzene | ND | 1.10 | 2.20 | U |
| 108-90-7 | Chlorobenzene | ND | 1.10 | 2.20 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.10 | 2.20 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.20 | 4.39 | U |
| 95-47-6 | o-Xylene | ND | 2.20 | 4.39 | U |
| 100-42-5 | Styrene | ND | 1.10 | 4.39 | U |
| 75-25-2 | Bromoform | ND | 1.10 | 2.20 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.10 | 2.20 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.10 | 2.20 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.10 | 2.20 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.10 | 2.20 | U |
| 108-86-1 | Bromobenzene | ND | 1.10 | 2.20 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 16:42 | Matrix: | Soil |
| Percent Solids: | 91.10 | Prep Method: | EPA 5035A | File ID: | A10727.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 16:42 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.10 | 2.20 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.10 | 2.20 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.10 | 2.20 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.10 | 2.20 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.10 | 2.20 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.10 | 2.20 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.10 | 2.20 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.10 | 2.20 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.10 | 2.20 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.10 | 2.20 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.10 | 2.20 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.10 | 2.20 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.10 | 2.20 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.10 | 2.20 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.10 | 2.20 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 119% | 70-130 |
| Toluene-d8 | 102% | 70-130 |
| Bromofluorobenzene | 89% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 17:14 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 5035A | File ID: | A10728.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 17:14 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.44 | 10.7 | U |
| 107-13-1 | Acrylonitrile | ND | 2.15 | 10.7 | U |
| 67-64-1 | Acetone | ND | 1.07 | 2.15 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.07 | 2.15 | U |
| 74-87-3 | Chloromethane | ND | 1.07 | 2.15 | U |
| 75-01-4 | Vinyl chloride | ND | 1.07 | 2.15 | U |
| 74-83-9 | Bromomethane | ND | 1.07 | 2.15 | U |
| 75-00-3 | Chloroethane | ND | 1.07 | 2.15 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.07 | 2.15 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.07 | 2.15 | U |
| 75-15-0 | Carbon disulfide | ND | 1.07 | 2.15 | U |
| 75-09-2 | Methylene Chloride | ND | 1.07 | 2.15 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.07 | 2.15 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.07 | 2.15 | U |
| 108-05-4 | Vinyl acetate | ND | 1.07 | 2.15 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.07 | 2.15 | U |
| 78-93-3 | 2-Butanone | ND | 1.07 | 2.15 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.07 | 2.15 | U |
| 67-66-3 | Chloroform | ND | 1.07 | 2.15 | U |
| 74-97-5 | Bromochloromethane | ND | 1.07 | 2.15 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.07 | 2.15 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.07 | 2.15 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.07 | 2.15 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.07 | 2.15 | U |
| 71-43-2 | Benzene | ND | 1.07 | 2.15 | U |
| 79-01-6 | Trichloroethene | ND | 1.07 | 2.15 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 17:14 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 5035A | File ID: | A10728.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 17:14 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.07 | 2.15 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.07 | 2.15 | U |
| 74-95-3 | Dibromomethane | ND | 1.07 | 2.15 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.07 | 2.15 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.07 | 2.15 | U |
| 108-88-3 | Toluene | ND | 1.07 | 2.15 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.07 | 2.15 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.07 | 2.15 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.07 | 2.15 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.07 | 2.15 | U |
| 591-78-6 | 2-Hexanone | ND | 1.07 | 2.15 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.07 | 2.15 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.07 | 2.15 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.07 | 2.15 | U |
| 100-41-4 | Ethylbenzene | ND | 1.07 | 2.15 | U |
| 108-90-7 | Chlorobenzene | ND | 1.07 | 2.15 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.07 | 2.15 | U |
| 108-38-3/106-42 | m,p-Xylenes | 3.02 | 2.15 | 4.30 | J |
| 95-47-6 | o-Xylene | ND | 2.15 | 4.30 | U |
| 100-42-5 | Styrene | ND | 1.07 | 4.30 | U |
| 75-25-2 | Bromoform | ND | 1.07 | 2.15 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.07 | 2.15 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.07 | 2.15 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.07 | 2.15 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.07 | 2.15 | U |
| 108-86-1 | Bromobenzene | ND | 1.07 | 2.15 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 17:14 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 5035A | File ID: | A10728.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 17:14 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.07 | 2.15 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.07 | 2.15 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.07 | 2.15 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.07 | 2.15 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.76 | 1.07 | 2.15 | J |
| 135-98-8 | sec-Butylbenzene | ND | 1.07 | 2.15 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.07 | 2.15 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.07 | 2.15 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.07 | 2.15 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.07 | 2.15 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.07 | 2.15 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.07 | 2.15 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.07 | 2.15 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.07 | 2.15 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.07 | 2.15 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 115% | 70-130 |
| Toluene-d8 | 103% | 70-130 |
| Bromofluorobenzene | 91% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/20/16 19:45 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10764.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 19:45 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.52 | 10.9 | U |
| 107-13-1 | Acrylonitrile | ND | 2.17 | 10.9 | U |
| 67-64-1 | Acetone | 13.6 | 1.09 | 2.17 | |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.09 | 2.17 | U |
| 74-87-3 | Chloromethane | ND | 1.09 | 2.17 | U |
| 75-01-4 | Vinyl chloride | ND | 1.09 | 2.17 | U |
| 74-83-9 | Bromomethane | ND | 1.09 | 2.17 | U |
| 75-00-3 | Chloroethane | ND | 1.09 | 2.17 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.09 | 2.17 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.09 | 2.17 | U |
| 75-15-0 | Carbon disulfide | 3.41 | 1.09 | 2.17 | |
| 75-09-2 | Methylene Chloride | ND | 1.09 | 2.17 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.09 | 2.17 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.09 | 2.17 | U |
| 108-05-4 | Vinyl acetate | ND | 1.09 | 2.17 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.09 | 2.17 | U |
| 78-93-3 | 2-Butanone | ND | 1.09 | 2.17 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.09 | 2.17 | U |
| 67-66-3 | Chloroform | ND | 1.09 | 2.17 | U |
| 74-97-5 | Bromochloromethane | ND | 1.09 | 2.17 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.09 | 2.17 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.09 | 2.17 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.09 | 2.17 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.09 | 2.17 | U |
| 71-43-2 | Benzene | ND | 1.09 | 2.17 | U |
| 79-01-6 | Trichloroethene | ND | 1.09 | 2.17 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/20/16 19:45 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10764.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 19:45 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.09 | 2.17 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.09 | 2.17 | U |
| 74-95-3 | Dibromomethane | ND | 1.09 | 2.17 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.09 | 2.17 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.09 | 2.17 | U |
| 108-88-3 | Toluene | ND | 1.09 | 2.17 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.09 | 2.17 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.09 | 2.17 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.09 | 2.17 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.09 | 2.17 | U |
| 591-78-6 | 2-Hexanone | ND | 1.09 | 2.17 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.09 | 2.17 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.09 | 2.17 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.09 | 2.17 | U |
| 100-41-4 | Ethylbenzene | 2.64 | 1.09 | 2.17 | |
| 108-90-7 | Chlorobenzene | ND | 1.09 | 2.17 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.09 | 2.17 | U |
| 108-38-3/106-42 | m,p-Xylenes | 2.99 | 2.17 | 4.35 | J |
| 95-47-6 | o-Xylene | 4.74 | 2.17 | 4.35 | |
| 100-42-5 | Styrene | ND | 1.09 | 4.35 | U |
| 75-25-2 | Bromoform | ND | 1.09 | 2.17 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.09 | 2.17 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.09 | 2.17 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.09 | 2.17 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.09 | 2.17 | U |
| 108-86-1 | Bromobenzene | ND | 1.09 | 2.17 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/20/16 19:45 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10764.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 19:45 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | 2.05 | 1.09 | 2.17 | J |
| 95-49-8 | 2-Chlorotoluene | ND | 1.09 | 2.17 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.09 | 2.17 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.09 | 2.17 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.09 | 2.17 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.09 | 2.17 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.09 | 2.17 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 104-51-8 | n-Butyl Benzene | 1.45 | 1.09 | 2.17 | J |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.09 | 2.17 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.09 | 2.17 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.09 | 2.17 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.09 | 2.17 | U |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 137% | * | 70-130 |
| Toluene-d8 | 52% | * | 70-130 |
| Bromofluorobenzene | 52% | * | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 23:30 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10740.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 23:30 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.52 | 10.9 | U |
| 107-13-1 | Acrylonitrile | ND | 2.17 | 10.9 | U |
| 67-64-1 | Acetone | 8.59 | 1.09 | 2.17 | |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.09 | 2.17 | U |
| 74-87-3 | Chloromethane | ND | 1.09 | 2.17 | U |
| 75-01-4 | Vinyl chloride | ND | 1.09 | 2.17 | U |
| 74-83-9 | Bromomethane | ND | 1.09 | 2.17 | U |
| 75-00-3 | Chloroethane | ND | 1.09 | 2.17 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.09 | 2.17 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.09 | 2.17 | U |
| 75-15-0 | Carbon disulfide | 4.12 | 1.09 | 2.17 | |
| 75-09-2 | Methylene Chloride | ND | 1.09 | 2.17 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.09 | 2.17 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.09 | 2.17 | U |
| 108-05-4 | Vinyl acetate | ND | 1.09 | 2.17 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.09 | 2.17 | U |
| 78-93-3 | 2-Butanone | ND | 1.09 | 2.17 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.09 | 2.17 | U |
| 67-66-3 | Chloroform | ND | 1.09 | 2.17 | U |
| 74-97-5 | Bromochloromethane | ND | 1.09 | 2.17 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.09 | 2.17 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.09 | 2.17 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.09 | 2.17 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.09 | 2.17 | U |
| 71-43-2 | Benzene | ND | 1.09 | 2.17 | U |
| 79-01-6 | Trichloroethene | ND | 1.09 | 2.17 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 23:30 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10740.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 23:30 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.09 | 2.17 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.09 | 2.17 | U |
| 74-95-3 | Dibromomethane | ND | 1.09 | 2.17 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.09 | 2.17 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.09 | 2.17 | U |
| 108-88-3 | Toluene | ND | 1.09 | 2.17 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.09 | 2.17 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.09 | 2.17 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.09 | 2.17 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.09 | 2.17 | U |
| 591-78-6 | 2-Hexanone | ND | 1.09 | 2.17 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.09 | 2.17 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.09 | 2.17 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.09 | 2.17 | U |
| 100-41-4 | Ethylbenzene | 2.52 | 1.09 | 2.17 | |
| 108-90-7 | Chlorobenzene | ND | 1.09 | 2.17 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.09 | 2.17 | U |
| 108-38-3/106-42 | m,p-Xylenes | 2.18 | 2.17 | 4.35 | J |
| 95-47-6 | o-Xylene | 4.01 | 2.17 | 4.35 | J |
| 100-42-5 | Styrene | ND | 1.09 | 4.35 | U |
| 75-25-2 | Bromoform | ND | 1.09 | 2.17 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.09 | 2.17 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.09 | 2.17 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.09 | 2.17 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.09 | 2.17 | U |
| 108-86-1 | Bromobenzene | ND | 1.09 | 2.17 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 23:30 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10740.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 23:30 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.45 | 1.09 | 2.17 | J |
| 95-49-8 | 2-Chlorotoluene | ND | 1.09 | 2.17 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.09 | 2.17 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.09 | 2.17 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.09 | 2.17 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.09 | 2.17 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.09 | 2.17 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 104-51-8 | n-Butyl Benzene | 1.12 | 1.09 | 2.17 | J |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.09 | 2.17 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.09 | 2.17 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.09 | 2.17 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.09 | 2.17 | U |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 144% | * | 70-130 |
| Toluene-d8 | 68% | * | 70-130 |
| Bromofluorobenzene | 61% | * | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 18:17 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10730.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 18:17 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.52 | 10.9 | U |
| 107-13-1 | Acrylonitrile | ND | 2.17 | 10.9 | U |
| 67-64-1 | Acetone | ND | 1.09 | 2.17 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.09 | 2.17 | U |
| 74-87-3 | Chloromethane | ND | 1.09 | 2.17 | U |
| 75-01-4 | Vinyl chloride | ND | 1.09 | 2.17 | U |
| 74-83-9 | Bromomethane | ND | 1.09 | 2.17 | U |
| 75-00-3 | Chloroethane | ND | 1.09 | 2.17 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.09 | 2.17 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.09 | 2.17 | U |
| 75-15-0 | Carbon disulfide | ND | 1.09 | 2.17 | U |
| 75-09-2 | Methylene Chloride | ND | 1.09 | 2.17 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.09 | 2.17 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.09 | 2.17 | U |
| 108-05-4 | Vinyl acetate | ND | 1.09 | 2.17 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.09 | 2.17 | U |
| 78-93-3 | 2-Butanone | ND | 1.09 | 2.17 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.09 | 2.17 | U |
| 67-66-3 | Chloroform | ND | 1.09 | 2.17 | U |
| 74-97-5 | Bromochloromethane | ND | 1.09 | 2.17 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.09 | 2.17 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.09 | 2.17 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.09 | 2.17 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.09 | 2.17 | U |
| 71-43-2 | Benzene | ND | 1.09 | 2.17 | U |
| 79-01-6 | Trichloroethene | ND | 1.09 | 2.17 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 18:17 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10730.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 18:17 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.09 | 2.17 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.09 | 2.17 | U |
| 74-95-3 | Dibromomethane | ND | 1.09 | 2.17 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.09 | 2.17 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.09 | 2.17 | U |
| 108-88-3 | Toluene | ND | 1.09 | 2.17 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.09 | 2.17 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.09 | 2.17 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.09 | 2.17 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.09 | 2.17 | U |
| 591-78-6 | 2-Hexanone | ND | 1.09 | 2.17 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.09 | 2.17 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.09 | 2.17 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.09 | 2.17 | U |
| 100-41-4 | Ethylbenzene | ND | 1.09 | 2.17 | U |
| 108-90-7 | Chlorobenzene | ND | 1.09 | 2.17 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.09 | 2.17 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.17 | 4.35 | U |
| 95-47-6 | o-Xylene | ND | 2.17 | 4.35 | U |
| 100-42-5 | Styrene | ND | 1.09 | 4.35 | U |
| 75-25-2 | Bromoform | ND | 1.09 | 2.17 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.09 | 2.17 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.09 | 2.17 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.09 | 2.17 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.09 | 2.17 | U |
| 108-86-1 | Bromobenzene | ND | 1.09 | 2.17 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 18:17 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10730.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 18:17 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.09 | 2.17 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.09 | 2.17 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.09 | 2.17 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.09 | 2.17 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.09 | 2.17 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.09 | 2.17 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.09 | 2.17 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.09 | 2.17 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.09 | 2.17 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.09 | 2.17 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.09 | 2.17 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.09 | 2.17 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 128% | 70-130 |
| Toluene-d8 | 104% | 70-130 |
| Bromofluorobenzene | 84% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 14:51 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 5035A | File ID: | A10779.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 14:51 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.44 | 10.7 | U |
| 107-13-1 | Acrylonitrile | ND | 2.15 | 10.7 | U |
| 67-64-1 | Acetone | ND | 1.07 | 2.15 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.07 | 2.15 | U |
| 74-87-3 | Chloromethane | ND | 1.07 | 2.15 | U |
| 75-01-4 | Vinyl chloride | ND | 1.07 | 2.15 | U |
| 74-83-9 | Bromomethane | ND | 1.07 | 2.15 | U |
| 75-00-3 | Chloroethane | ND | 1.07 | 2.15 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.07 | 2.15 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.07 | 2.15 | U |
| 75-15-0 | Carbon disulfide | ND | 1.07 | 2.15 | U |
| 75-09-2 | Methylene Chloride | ND | 1.07 | 2.15 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.07 | 2.15 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.07 | 2.15 | U |
| 108-05-4 | Vinyl acetate | ND | 1.07 | 2.15 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.07 | 2.15 | U |
| 78-93-3 | 2-Butanone | ND | 1.07 | 2.15 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.07 | 2.15 | U |
| 67-66-3 | Chloroform | ND | 1.07 | 2.15 | U |
| 74-97-5 | Bromochloromethane | ND | 1.07 | 2.15 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.07 | 2.15 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.07 | 2.15 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.07 | 2.15 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.07 | 2.15 | U |
| 71-43-2 | Benzene | ND | 1.07 | 2.15 | U |
| 79-01-6 | Trichloroethene | 33.2 | 1.07 | 2.15 | |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 14:51 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 5035A | File ID: | A10779.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 14:51 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.07 | 2.15 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.07 | 2.15 | U |
| 74-95-3 | Dibromomethane | ND | 1.07 | 2.15 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.07 | 2.15 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.07 | 2.15 | U |
| 108-88-3 | Toluene | ND | 1.07 | 2.15 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.07 | 2.15 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.07 | 2.15 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.07 | 2.15 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.07 | 2.15 | U |
| 591-78-6 | 2-Hexanone | ND | 1.07 | 2.15 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.07 | 2.15 | U |
| 127-18-4 | Tetrachloroethene | 5.04 | 1.07 | 2.15 | |
| 124-48-1 | Dibromochloromethane | ND | 1.07 | 2.15 | U |
| 100-41-4 | Ethylbenzene | ND | 1.07 | 2.15 | U |
| 108-90-7 | Chlorobenzene | ND | 1.07 | 2.15 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.07 | 2.15 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.15 | 4.30 | U |
| 95-47-6 | o-Xylene | ND | 2.15 | 4.30 | U |
| 100-42-5 | Styrene | ND | 1.07 | 4.30 | U |
| 75-25-2 | Bromoform | ND | 1.07 | 2.15 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.07 | 2.15 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.07 | 2.15 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.07 | 2.15 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.07 | 2.15 | U |
| 108-86-1 | Bromobenzene | ND | 1.07 | 2.15 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 14:51 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 5035A | File ID: | A10779.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 14:51 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.07 | 2.15 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.07 | 2.15 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.07 | 2.15 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.07 | 2.15 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.07 | 2.15 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.07 | 2.15 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.07 | 2.15 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.07 | 2.15 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.07 | 2.15 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.07 | 2.15 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.07 | 2.15 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.07 | 2.15 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.07 | 2.15 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.07 | 2.15 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.07 | 2.15 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 120% | 70-130 |
| Toluene-d8 | 101% | 70-130 |
| Bromofluorobenzene | 80% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/20/16 13:29 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10752.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 13:29 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.52 | 10.9 | U |
| 107-13-1 | Acrylonitrile | ND | 2.17 | 10.9 | U |
| 67-64-1 | Acetone | ND | 1.09 | 2.17 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.09 | 2.17 | U |
| 74-87-3 | Chloromethane | ND | 1.09 | 2.17 | U |
| 75-01-4 | Vinyl chloride | ND | 1.09 | 2.17 | U |
| 74-83-9 | Bromomethane | ND | 1.09 | 2.17 | U |
| 75-00-3 | Chloroethane | ND | 1.09 | 2.17 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.09 | 2.17 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.09 | 2.17 | U |
| 75-15-0 | Carbon disulfide | ND | 1.09 | 2.17 | U |
| 75-09-2 | Methylene Chloride | ND | 1.09 | 2.17 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.09 | 2.17 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.09 | 2.17 | U |
| 108-05-4 | Vinyl acetate | ND | 1.09 | 2.17 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.09 | 2.17 | U |
| 78-93-3 | 2-Butanone | ND | 1.09 | 2.17 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.09 | 2.17 | U |
| 67-66-3 | Chloroform | ND | 1.09 | 2.17 | U |
| 74-97-5 | Bromochloromethane | ND | 1.09 | 2.17 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.09 | 2.17 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.09 | 2.17 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.09 | 2.17 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.09 | 2.17 | U |
| 71-43-2 | Benzene | ND | 1.09 | 2.17 | U |
| 79-01-6 | Trichloroethene | 5.09 | 1.09 | 2.17 | |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/20/16 13:29 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10752.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 13:29 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.09 | 2.17 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.09 | 2.17 | U |
| 74-95-3 | Dibromomethane | ND | 1.09 | 2.17 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.09 | 2.17 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.09 | 2.17 | U |
| 108-88-3 | Toluene | ND | 1.09 | 2.17 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.09 | 2.17 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.09 | 2.17 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.09 | 2.17 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.09 | 2.17 | U |
| 591-78-6 | 2-Hexanone | ND | 1.09 | 2.17 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.09 | 2.17 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.09 | 2.17 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.09 | 2.17 | U |
| 100-41-4 | Ethylbenzene | ND | 1.09 | 2.17 | U |
| 108-90-7 | Chlorobenzene | ND | 1.09 | 2.17 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.09 | 2.17 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.17 | 4.35 | U |
| 95-47-6 | o-Xylene | ND | 2.17 | 4.35 | U |
| 100-42-5 | Styrene | ND | 1.09 | 4.35 | U |
| 75-25-2 | Bromoform | ND | 1.09 | 2.17 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.09 | 2.17 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.09 | 2.17 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.09 | 2.17 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.09 | 2.17 | U |
| 108-86-1 | Bromobenzene | ND | 1.09 | 2.17 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/20/16 13:29 | Matrix: | Soil |
| Percent Solids: | 92.00 | Prep Method: | EPA 5035A | File ID: | A10752.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 13:29 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.09 | 2.17 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.09 | 2.17 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.09 | 2.17 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.09 | 2.17 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.09 | 2.17 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.09 | 2.17 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.09 | 2.17 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.09 | 2.17 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.09 | 2.17 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.09 | 2.17 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.09 | 2.17 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.09 | 2.17 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.09 | 2.17 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 123% | 70-130 |
| Toluene-d8 | 104% | 70-130 |
| Bromofluorobenzene | 94% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 15:22 | Matrix: | Soil |
| Percent Solids: | 90.00 | Prep Method: | EPA 5035A | File ID: | A10780.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 15:22 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.67 | 11.1 | U |
| 107-13-1 | Acrylonitrile | ND | 2.22 | 11.1 | U |
| 67-64-1 | Acetone | ND | 1.11 | 2.22 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.11 | 2.22 | U |
| 74-87-3 | Chloromethane | ND | 1.11 | 2.22 | U |
| 75-01-4 | Vinyl chloride | ND | 1.11 | 2.22 | U |
| 74-83-9 | Bromomethane | ND | 1.11 | 2.22 | U |
| 75-00-3 | Chloroethane | ND | 1.11 | 2.22 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.11 | 2.22 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.11 | 2.22 | U |
| 75-15-0 | Carbon disulfide | ND | 1.11 | 2.22 | U |
| 75-09-2 | Methylene Chloride | ND | 1.11 | 2.22 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.11 | 2.22 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.11 | 2.22 | U |
| 108-05-4 | Vinyl acetate | ND | 1.11 | 2.22 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.11 | 2.22 | U |
| 78-93-3 | 2-Butanone | ND | 1.11 | 2.22 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.11 | 2.22 | U |
| 67-66-3 | Chloroform | ND | 1.11 | 2.22 | U |
| 74-97-5 | Bromochloromethane | ND | 1.11 | 2.22 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.11 | 2.22 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.11 | 2.22 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.11 | 2.22 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.11 | 2.22 | U |
| 71-43-2 | Benzene | ND | 1.11 | 2.22 | U |
| 79-01-6 | Trichloroethene | ND | 1.11 | 2.22 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 15:22 | Matrix: | Soil |
| Percent Solids: | 90.00 | Prep Method: | EPA 5035A | File ID: | A10780.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 15:22 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.11 | 2.22 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.11 | 2.22 | U |
| 74-95-3 | Dibromomethane | ND | 1.11 | 2.22 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.11 | 2.22 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.11 | 2.22 | U |
| 108-88-3 | Toluene | ND | 1.11 | 2.22 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.11 | 2.22 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.11 | 2.22 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.11 | 2.22 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.11 | 2.22 | U |
| 591-78-6 | 2-Hexanone | ND | 1.11 | 2.22 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.11 | 2.22 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.11 | 2.22 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.11 | 2.22 | U |
| 100-41-4 | Ethylbenzene | ND | 1.11 | 2.22 | U |
| 108-90-7 | Chlorobenzene | ND | 1.11 | 2.22 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.11 | 2.22 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.22 | 4.44 | U |
| 95-47-6 | o-Xylene | ND | 2.22 | 4.44 | U |
| 100-42-5 | Styrene | ND | 1.11 | 4.44 | U |
| 75-25-2 | Bromoform | ND | 1.11 | 2.22 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.11 | 2.22 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.11 | 2.22 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.11 | 2.22 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.11 | 2.22 | U |
| 108-86-1 | Bromobenzene | ND | 1.11 | 2.22 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 15:22 | Matrix: | Soil |
| Percent Solids: | 90.00 | Prep Method: | EPA 5035A | File ID: | A10780.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 15:22 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.11 | 2.22 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.11 | 2.22 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.11 | 2.22 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.11 | 2.22 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.11 | 2.22 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.11 | 2.22 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.11 | 2.22 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.11 | 2.22 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.11 | 2.22 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.11 | 2.22 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.11 | 2.22 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.11 | 2.22 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.11 | 2.22 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.11 | 2.22 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.11 | 2.22 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 118% | 70-130 |
| Toluene-d8 | 103% | 70-130 |
| Bromofluorobenzene | 90% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 15:54 | Matrix: | Soil |
| Percent Solids: | 89.30 | Prep Method: | EPA 5035A | File ID: | A10781.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 15:54 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.72 | 11.2 | U |
| 107-13-1 | Acrylonitrile | ND | 2.24 | 11.2 | U |
| 67-64-1 | Acetone | ND | 1.12 | 2.24 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.12 | 2.24 | U |
| 74-87-3 | Chloromethane | ND | 1.12 | 2.24 | U |
| 75-01-4 | Vinyl chloride | ND | 1.12 | 2.24 | U |
| 74-83-9 | Bromomethane | ND | 1.12 | 2.24 | U |
| 75-00-3 | Chloroethane | ND | 1.12 | 2.24 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.12 | 2.24 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.12 | 2.24 | U |
| 75-15-0 | Carbon disulfide | ND | 1.12 | 2.24 | U |
| 75-09-2 | Methylene Chloride | ND | 1.12 | 2.24 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.12 | 2.24 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.12 | 2.24 | U |
| 108-05-4 | Vinyl acetate | ND | 1.12 | 2.24 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.12 | 2.24 | U |
| 78-93-3 | 2-Butanone | ND | 1.12 | 2.24 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.12 | 2.24 | U |
| 67-66-3 | Chloroform | ND | 1.12 | 2.24 | U |
| 74-97-5 | Bromochloromethane | ND | 1.12 | 2.24 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.12 | 2.24 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.12 | 2.24 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.12 | 2.24 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.12 | 2.24 | U |
| 71-43-2 | Benzene | ND | 1.12 | 2.24 | U |
| 79-01-6 | Trichloroethene | 1.88 | 1.12 | 2.24 | J |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 15:54 | Matrix: | Soil |
| Percent Solids: | 89.30 | Prep Method: | EPA 5035A | File ID: | A10781.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 15:54 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.12 | 2.24 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.12 | 2.24 | U |
| 74-95-3 | Dibromomethane | ND | 1.12 | 2.24 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.12 | 2.24 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.12 | 2.24 | U |
| 108-88-3 | Toluene | ND | 1.12 | 2.24 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.12 | 2.24 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.12 | 2.24 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.12 | 2.24 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.12 | 2.24 | U |
| 591-78-6 | 2-Hexanone | ND | 1.12 | 2.24 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.12 | 2.24 | U |
| 127-18-4 | Tetrachloroethene | 1.28 | 1.12 | 2.24 | J |
| 124-48-1 | Dibromochloromethane | ND | 1.12 | 2.24 | U |
| 100-41-4 | Ethylbenzene | ND | 1.12 | 2.24 | U |
| 108-90-7 | Chlorobenzene | ND | 1.12 | 2.24 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.12 | 2.24 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.24 | 4.48 | U |
| 95-47-6 | o-Xylene | ND | 2.24 | 4.48 | U |
| 100-42-5 | Styrene | ND | 1.12 | 4.48 | U |
| 75-25-2 | Bromoform | ND | 1.12 | 2.24 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.12 | 2.24 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.12 | 2.24 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.12 | 2.24 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.12 | 2.24 | U |
| 108-86-1 | Bromobenzene | ND | 1.12 | 2.24 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 15:54 | Matrix: | Soil |
| Percent Solids: | 89.30 | Prep Method: | EPA 5035A | File ID: | A10781.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 15:54 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.12 | 2.24 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.12 | 2.24 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.12 | 2.24 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.12 | 2.24 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.12 | 2.24 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.12 | 2.24 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.12 | 2.24 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.12 | 2.24 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.12 | 2.24 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.12 | 2.24 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.12 | 2.24 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.12 | 2.24 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.12 | 2.24 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.12 | 2.24 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.12 | 2.24 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 117% | 70-130 |
| Toluene-d8 | 99% | 70-130 |
| Bromofluorobenzene | 80% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 18:48 | Matrix: | Soil |
| Percent Solids: | 90.10 | Prep Method: | EPA 5035A | File ID: | A10731.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 18:48 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.66 | 11.1 | U |
| 107-13-1 | Acrylonitrile | ND | 2.22 | 11.1 | U |
| 67-64-1 | Acetone | ND | 1.11 | 2.22 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.11 | 2.22 | U |
| 74-87-3 | Chloromethane | ND | 1.11 | 2.22 | U |
| 75-01-4 | Vinyl chloride | ND | 1.11 | 2.22 | U |
| 74-83-9 | Bromomethane | ND | 1.11 | 2.22 | U |
| 75-00-3 | Chloroethane | ND | 1.11 | 2.22 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.11 | 2.22 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.11 | 2.22 | U |
| 75-15-0 | Carbon disulfide | ND | 1.11 | 2.22 | U |
| 75-09-2 | Methylene Chloride | ND | 1.11 | 2.22 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.11 | 2.22 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.11 | 2.22 | U |
| 108-05-4 | Vinyl acetate | ND | 1.11 | 2.22 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.11 | 2.22 | U |
| 78-93-3 | 2-Butanone | ND | 1.11 | 2.22 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.11 | 2.22 | U |
| 67-66-3 | Chloroform | ND | 1.11 | 2.22 | U |
| 74-97-5 | Bromochloromethane | ND | 1.11 | 2.22 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.11 | 2.22 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.11 | 2.22 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.11 | 2.22 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.11 | 2.22 | U |
| 71-43-2 | Benzene | ND | 1.11 | 2.22 | U |
| 79-01-6 | Trichloroethene | ND | 1.11 | 2.22 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 18:48 | Matrix: | Soil |
| Percent Solids: | 90.10 | Prep Method: | EPA 5035A | File ID: | A10731.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 18:48 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.11 | 2.22 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.11 | 2.22 | U |
| 74-95-3 | Dibromomethane | ND | 1.11 | 2.22 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.11 | 2.22 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.11 | 2.22 | U |
| 108-88-3 | Toluene | 1.17 | 1.11 | 2.22 | J |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.11 | 2.22 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.11 | 2.22 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.11 | 2.22 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.11 | 2.22 | U |
| 591-78-6 | 2-Hexanone | ND | 1.11 | 2.22 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.11 | 2.22 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.11 | 2.22 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.11 | 2.22 | U |
| 100-41-4 | Ethylbenzene | ND | 1.11 | 2.22 | U |
| 108-90-7 | Chlorobenzene | ND | 1.11 | 2.22 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.11 | 2.22 | U |
| 108-38-3/106-42 | m,p-Xylenes | 3.29 | 2.22 | 4.44 | J |
| 95-47-6 | o-Xylene | ND | 2.22 | 4.44 | U |
| 100-42-5 | Styrene | ND | 1.11 | 4.44 | U |
| 75-25-2 | Bromoform | ND | 1.11 | 2.22 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.11 | 2.22 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.11 | 2.22 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.11 | 2.22 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.11 | 2.22 | U |
| 108-86-1 | Bromobenzene | ND | 1.11 | 2.22 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 18:48 | Matrix: | Soil |
| Percent Solids: | 90.10 | Prep Method: | EPA 5035A | File ID: | A10731.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 18:48 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.11 | 2.22 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.11 | 2.22 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.11 | 2.22 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.11 | 2.22 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.50 | 1.11 | 2.22 | J |
| 135-98-8 | sec-Butylbenzene | ND | 1.11 | 2.22 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.11 | 2.22 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.11 | 2.22 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.11 | 2.22 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.11 | 2.22 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.11 | 2.22 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.11 | 2.22 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.11 | 2.22 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.11 | 2.22 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.11 | 2.22 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 116% | 70-130 |
| Toluene-d8 | 100% | 70-130 |
| Bromofluorobenzene | 78% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 19:19 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 5035A | File ID: | A10732.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 19:19 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.71 | 11.2 | U |
| 107-13-1 | Acrylonitrile | ND | 2.24 | 11.2 | U |
| 67-64-1 | Acetone | ND | 1.12 | 2.24 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.12 | 2.24 | U |
| 74-87-3 | Chloromethane | ND | 1.12 | 2.24 | U |
| 75-01-4 | Vinyl chloride | ND | 1.12 | 2.24 | U |
| 74-83-9 | Bromomethane | ND | 1.12 | 2.24 | U |
| 75-00-3 | Chloroethane | ND | 1.12 | 2.24 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.12 | 2.24 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.12 | 2.24 | U |
| 75-15-0 | Carbon disulfide | ND | 1.12 | 2.24 | U |
| 75-09-2 | Methylene Chloride | ND | 1.12 | 2.24 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.12 | 2.24 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.12 | 2.24 | U |
| 108-05-4 | Vinyl acetate | ND | 1.12 | 2.24 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.12 | 2.24 | U |
| 78-93-3 | 2-Butanone | ND | 1.12 | 2.24 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.12 | 2.24 | U |
| 67-66-3 | Chloroform | ND | 1.12 | 2.24 | U |
| 74-97-5 | Bromochloromethane | ND | 1.12 | 2.24 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.12 | 2.24 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.12 | 2.24 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.12 | 2.24 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.12 | 2.24 | U |
| 71-43-2 | Benzene | ND | 1.12 | 2.24 | U |
| 79-01-6 | Trichloroethene | ND | 1.12 | 2.24 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 19:19 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 5035A | File ID: | A10732.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 19:19 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.12 | 2.24 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.12 | 2.24 | U |
| 74-95-3 | Dibromomethane | ND | 1.12 | 2.24 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.12 | 2.24 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.12 | 2.24 | U |
| 108-88-3 | Toluene | ND | 1.12 | 2.24 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.12 | 2.24 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.12 | 2.24 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.12 | 2.24 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.12 | 2.24 | U |
| 591-78-6 | 2-Hexanone | ND | 1.12 | 2.24 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.12 | 2.24 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.12 | 2.24 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.12 | 2.24 | U |
| 100-41-4 | Ethylbenzene | ND | 1.12 | 2.24 | U |
| 108-90-7 | Chlorobenzene | ND | 1.12 | 2.24 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.12 | 2.24 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.24 | 4.47 | U |
| 95-47-6 | o-Xylene | ND | 2.24 | 4.47 | U |
| 100-42-5 | Styrene | ND | 1.12 | 4.47 | U |
| 75-25-2 | Bromoform | ND | 1.12 | 2.24 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.12 | 2.24 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.12 | 2.24 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.12 | 2.24 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.12 | 2.24 | U |
| 108-86-1 | Bromobenzene | ND | 1.12 | 2.24 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 19:19 | Matrix: | Soil |
| Percent Solids: | 89.40 | Prep Method: | EPA 5035A | File ID: | A10732.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 19:19 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.12 | 2.24 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.12 | 2.24 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.12 | 2.24 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.12 | 2.24 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.12 | 2.24 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.12 | 2.24 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.12 | 2.24 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.12 | 2.24 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.12 | 2.24 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.12 | 2.24 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.12 | 2.24 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.12 | 2.24 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.12 | 2.24 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.12 | 2.24 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.12 | 2.24 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 115% | 70-130 |
| Toluene-d8 | 105% | 70-130 |
| Bromofluorobenzene | 92% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 19:51 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 5035A | File ID: | A10733.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 19:51 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.86 | 11.4 | U |
| 107-13-1 | Acrylonitrile | ND | 2.29 | 11.4 | U |
| 67-64-1 | Acetone | ND | 1.14 | 2.29 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.14 | 2.29 | U |
| 74-87-3 | Chloromethane | ND | 1.14 | 2.29 | U |
| 75-01-4 | Vinyl chloride | ND | 1.14 | 2.29 | U |
| 74-83-9 | Bromomethane | ND | 1.14 | 2.29 | U |
| 75-00-3 | Chloroethane | ND | 1.14 | 2.29 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.14 | 2.29 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.14 | 2.29 | U |
| 75-15-0 | Carbon disulfide | ND | 1.14 | 2.29 | U |
| 75-09-2 | Methylene Chloride | ND | 1.14 | 2.29 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.14 | 2.29 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.14 | 2.29 | U |
| 108-05-4 | Vinyl acetate | ND | 1.14 | 2.29 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.14 | 2.29 | U |
| 78-93-3 | 2-Butanone | ND | 1.14 | 2.29 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.14 | 2.29 | U |
| 67-66-3 | Chloroform | ND | 1.14 | 2.29 | U |
| 74-97-5 | Bromochloromethane | ND | 1.14 | 2.29 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.14 | 2.29 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.14 | 2.29 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.14 | 2.29 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.14 | 2.29 | U |
| 71-43-2 | Benzene | ND | 1.14 | 2.29 | U |
| 79-01-6 | Trichloroethene | ND | 1.14 | 2.29 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 19:51 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 5035A | File ID: | A10733.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 19:51 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.14 | 2.29 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.14 | 2.29 | U |
| 74-95-3 | Dibromomethane | ND | 1.14 | 2.29 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.14 | 2.29 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.14 | 2.29 | U |
| 108-88-3 | Toluene | ND | 1.14 | 2.29 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.14 | 2.29 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.14 | 2.29 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.14 | 2.29 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.14 | 2.29 | U |
| 591-78-6 | 2-Hexanone | ND | 1.14 | 2.29 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.14 | 2.29 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.14 | 2.29 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.14 | 2.29 | U |
| 100-41-4 | Ethylbenzene | ND | 1.14 | 2.29 | U |
| 108-90-7 | Chlorobenzene | ND | 1.14 | 2.29 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.14 | 2.29 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.29 | 4.58 | U |
| 95-47-6 | o-Xylene | ND | 2.29 | 4.58 | U |
| 100-42-5 | Styrene | ND | 1.14 | 4.58 | U |
| 75-25-2 | Bromoform | ND | 1.14 | 2.29 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.14 | 2.29 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.14 | 2.29 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.14 | 2.29 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.14 | 2.29 | U |
| 108-86-1 | Bromobenzene | ND | 1.14 | 2.29 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 19:51 | Matrix: | Soil |
| Percent Solids: | 87.40 | Prep Method: | EPA 5035A | File ID: | A10733.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 19:51 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.14 | 2.29 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.14 | 2.29 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.14 | 2.29 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.14 | 2.29 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.14 | 2.29 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.14 | 2.29 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.14 | 2.29 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.14 | 2.29 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.14 | 2.29 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.14 | 2.29 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.14 | 2.29 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.14 | 2.29 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.14 | 2.29 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.14 | 2.29 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.14 | 2.29 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 119% | 70-130 |
| Toluene-d8 | 102% | 70-130 |
| Bromofluorobenzene | 88% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 20:22 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 5035A | File ID: | A10734.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 20:22 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.38 | 10.6 | U |
| 107-13-1 | Acrylonitrile | ND | 2.13 | 10.6 | U |
| 67-64-1 | Acetone | ND | 1.06 | 2.13 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.06 | 2.13 | U |
| 74-87-3 | Chloromethane | ND | 1.06 | 2.13 | U |
| 75-01-4 | Vinyl chloride | ND | 1.06 | 2.13 | U |
| 74-83-9 | Bromomethane | ND | 1.06 | 2.13 | U |
| 75-00-3 | Chloroethane | ND | 1.06 | 2.13 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.06 | 2.13 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.06 | 2.13 | U |
| 75-15-0 | Carbon disulfide | ND | 1.06 | 2.13 | U |
| 75-09-2 | Methylene Chloride | ND | 1.06 | 2.13 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.06 | 2.13 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.06 | 2.13 | U |
| 108-05-4 | Vinyl acetate | ND | 1.06 | 2.13 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.06 | 2.13 | U |
| 78-93-3 | 2-Butanone | ND | 1.06 | 2.13 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.06 | 2.13 | U |
| 67-66-3 | Chloroform | ND | 1.06 | 2.13 | U |
| 74-97-5 | Bromochloromethane | ND | 1.06 | 2.13 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.06 | 2.13 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.06 | 2.13 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.06 | 2.13 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.06 | 2.13 | U |
| 71-43-2 | Benzene | ND | 1.06 | 2.13 | U |
| 79-01-6 | Trichloroethene | ND | 1.06 | 2.13 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 20:22 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 5035A | File ID: | A10734.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 20:22 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.06 | 2.13 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.06 | 2.13 | U |
| 74-95-3 | Dibromomethane | ND | 1.06 | 2.13 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.06 | 2.13 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.06 | 2.13 | U |
| 108-88-3 | Toluene | ND | 1.06 | 2.13 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.06 | 2.13 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.06 | 2.13 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.06 | 2.13 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.06 | 2.13 | U |
| 591-78-6 | 2-Hexanone | ND | 1.06 | 2.13 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.06 | 2.13 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.06 | 2.13 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.06 | 2.13 | U |
| 100-41-4 | Ethylbenzene | ND | 1.06 | 2.13 | U |
| 108-90-7 | Chlorobenzene | ND | 1.06 | 2.13 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.06 | 2.13 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.13 | 4.26 | U |
| 95-47-6 | o-Xylene | ND | 2.13 | 4.26 | U |
| 100-42-5 | Styrene | ND | 1.06 | 4.26 | U |
| 75-25-2 | Bromoform | ND | 1.06 | 2.13 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.06 | 2.13 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.06 | 2.13 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.06 | 2.13 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.06 | 2.13 | U |
| 108-86-1 | Bromobenzene | ND | 1.06 | 2.13 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 20:22 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 5035A | File ID: | A10734.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 20:22 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.06 | 2.13 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.06 | 2.13 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.06 | 2.13 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.06 | 2.13 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.06 | 2.13 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.06 | 2.13 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.06 | 2.13 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.06 | 2.13 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.06 | 2.13 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.06 | 2.13 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.06 | 2.13 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.06 | 2.13 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.06 | 2.13 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.06 | 2.13 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.06 | 2.13 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 114% | 70-130 |
| Toluene-d8 | 103% | 70-130 |
| Bromofluorobenzene | 95% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 20:54 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 5035A | File ID: | A10735.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 20:54 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.44 | 10.7 | U |
| 107-13-1 | Acrylonitrile | ND | 2.15 | 10.7 | U |
| 67-64-1 | Acetone | ND | 1.07 | 2.15 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.07 | 2.15 | U |
| 74-87-3 | Chloromethane | ND | 1.07 | 2.15 | U |
| 75-01-4 | Vinyl chloride | ND | 1.07 | 2.15 | U |
| 74-83-9 | Bromomethane | ND | 1.07 | 2.15 | U |
| 75-00-3 | Chloroethane | ND | 1.07 | 2.15 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.07 | 2.15 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.07 | 2.15 | U |
| 75-15-0 | Carbon disulfide | ND | 1.07 | 2.15 | U |
| 75-09-2 | Methylene Chloride | ND | 1.07 | 2.15 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.07 | 2.15 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.07 | 2.15 | U |
| 108-05-4 | Vinyl acetate | ND | 1.07 | 2.15 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.07 | 2.15 | U |
| 78-93-3 | 2-Butanone | ND | 1.07 | 2.15 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.07 | 2.15 | U |
| 67-66-3 | Chloroform | ND | 1.07 | 2.15 | U |
| 74-97-5 | Bromochloromethane | ND | 1.07 | 2.15 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.07 | 2.15 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.07 | 2.15 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.07 | 2.15 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.07 | 2.15 | U |
| 71-43-2 | Benzene | ND | 1.07 | 2.15 | U |
| 79-01-6 | Trichloroethene | ND | 1.07 | 2.15 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 20:54 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 5035A | File ID: | A10735.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 20:54 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.07 | 2.15 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.07 | 2.15 | U |
| 74-95-3 | Dibromomethane | ND | 1.07 | 2.15 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.07 | 2.15 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.07 | 2.15 | U |
| 108-88-3 | Toluene | ND | 1.07 | 2.15 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.07 | 2.15 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.07 | 2.15 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.07 | 2.15 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.07 | 2.15 | U |
| 591-78-6 | 2-Hexanone | ND | 1.07 | 2.15 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.07 | 2.15 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.07 | 2.15 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.07 | 2.15 | U |
| 100-41-4 | Ethylbenzene | ND | 1.07 | 2.15 | U |
| 108-90-7 | Chlorobenzene | ND | 1.07 | 2.15 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.07 | 2.15 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.15 | 4.30 | U |
| 95-47-6 | o-Xylene | ND | 2.15 | 4.30 | U |
| 100-42-5 | Styrene | ND | 1.07 | 4.30 | U |
| 75-25-2 | Bromoform | ND | 1.07 | 2.15 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.07 | 2.15 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.07 | 2.15 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.07 | 2.15 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.07 | 2.15 | U |
| 108-86-1 | Bromobenzene | ND | 1.07 | 2.15 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 20:54 | Matrix: | Soil |
| Percent Solids: | 93.10 | Prep Method: | EPA 5035A | File ID: | A10735.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 20:54 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.07 | 2.15 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.07 | 2.15 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.07 | 2.15 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.07 | 2.15 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.07 | 2.15 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.07 | 2.15 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.07 | 2.15 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.07 | 2.15 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.07 | 2.15 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.07 | 2.15 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.07 | 2.15 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.07 | 2.15 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.07 | 2.15 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.07 | 2.15 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.07 | 2.15 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 113% | 70-130 |
| Toluene-d8 | 102% | 70-130 |
| Bromofluorobenzene | 92% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 21:25 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 5035A | File ID: | A10736.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 21:25 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.38 | 10.6 | U |
| 107-13-1 | Acrylonitrile | ND | 2.13 | 10.6 | U |
| 67-64-1 | Acetone | ND | 1.06 | 2.13 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.06 | 2.13 | U |
| 74-87-3 | Chloromethane | ND | 1.06 | 2.13 | U |
| 75-01-4 | Vinyl chloride | ND | 1.06 | 2.13 | U |
| 74-83-9 | Bromomethane | ND | 1.06 | 2.13 | U |
| 75-00-3 | Chloroethane | ND | 1.06 | 2.13 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.06 | 2.13 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.06 | 2.13 | U |
| 75-15-0 | Carbon disulfide | ND | 1.06 | 2.13 | U |
| 75-09-2 | Methylene Chloride | ND | 1.06 | 2.13 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.06 | 2.13 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.06 | 2.13 | U |
| 108-05-4 | Vinyl acetate | ND | 1.06 | 2.13 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.06 | 2.13 | U |
| 78-93-3 | 2-Butanone | ND | 1.06 | 2.13 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.06 | 2.13 | U |
| 67-66-3 | Chloroform | ND | 1.06 | 2.13 | U |
| 74-97-5 | Bromochloromethane | ND | 1.06 | 2.13 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.06 | 2.13 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.06 | 2.13 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.06 | 2.13 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.06 | 2.13 | U |
| 71-43-2 | Benzene | ND | 1.06 | 2.13 | U |
| 79-01-6 | Trichloroethene | ND | 1.06 | 2.13 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 21:25 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 5035A | File ID: | A10736.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 21:25 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.06 | 2.13 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.06 | 2.13 | U |
| 74-95-3 | Dibromomethane | ND | 1.06 | 2.13 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.06 | 2.13 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.06 | 2.13 | U |
| 108-88-3 | Toluene | ND | 1.06 | 2.13 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.06 | 2.13 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.06 | 2.13 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.06 | 2.13 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.06 | 2.13 | U |
| 591-78-6 | 2-Hexanone | ND | 1.06 | 2.13 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.06 | 2.13 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.06 | 2.13 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.06 | 2.13 | U |
| 100-41-4 | Ethylbenzene | ND | 1.06 | 2.13 | U |
| 108-90-7 | Chlorobenzene | ND | 1.06 | 2.13 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.06 | 2.13 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.13 | 4.26 | U |
| 95-47-6 | o-Xylene | ND | 2.13 | 4.26 | U |
| 100-42-5 | Styrene | ND | 1.06 | 4.26 | U |
| 75-25-2 | Bromoform | ND | 1.06 | 2.13 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.06 | 2.13 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.06 | 2.13 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.06 | 2.13 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.06 | 2.13 | U |
| 108-86-1 | Bromobenzene | ND | 1.06 | 2.13 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 21:25 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 5035A | File ID: | A10736.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 21:25 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.06 | 2.13 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.06 | 2.13 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.06 | 2.13 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.06 | 2.13 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.06 | 2.13 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.06 | 2.13 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.06 | 2.13 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.06 | 2.13 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.06 | 2.13 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.06 | 2.13 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.06 | 2.13 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.06 | 2.13 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.06 | 2.13 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.06 | 2.13 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.06 | 2.13 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 118% | 70-130 |
| Toluene-d8 | 103% | 70-130 |
| Bromofluorobenzene | 94% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 21:56 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 5035A | File ID: | A10737.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 21:56 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.25 | 10.4 | U |
| 107-13-1 | Acrylonitrile | ND | 2.08 | 10.4 | U |
| 67-64-1 | Acetone | ND | 1.04 | 2.08 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.04 | 2.08 | U |
| 74-87-3 | Chloromethane | ND | 1.04 | 2.08 | U |
| 75-01-4 | Vinyl chloride | ND | 1.04 | 2.08 | U |
| 74-83-9 | Bromomethane | ND | 1.04 | 2.08 | U |
| 75-00-3 | Chloroethane | ND | 1.04 | 2.08 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.04 | 2.08 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.04 | 2.08 | U |
| 75-15-0 | Carbon disulfide | ND | 1.04 | 2.08 | U |
| 75-09-2 | Methylene Chloride | ND | 1.04 | 2.08 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.04 | 2.08 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.04 | 2.08 | U |
| 108-05-4 | Vinyl acetate | ND | 1.04 | 2.08 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.04 | 2.08 | U |
| 78-93-3 | 2-Butanone | ND | 1.04 | 2.08 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.04 | 2.08 | U |
| 67-66-3 | Chloroform | ND | 1.04 | 2.08 | U |
| 74-97-5 | Bromochloromethane | ND | 1.04 | 2.08 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.04 | 2.08 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.04 | 2.08 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.04 | 2.08 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.04 | 2.08 | U |
| 71-43-2 | Benzene | ND | 1.04 | 2.08 | U |
| 79-01-6 | Trichloroethene | ND | 1.04 | 2.08 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 21:56 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 5035A | File ID: | A10737.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 21:56 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.04 | 2.08 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.04 | 2.08 | U |
| 74-95-3 | Dibromomethane | ND | 1.04 | 2.08 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.04 | 2.08 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.04 | 2.08 | U |
| 108-88-3 | Toluene | ND | 1.04 | 2.08 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.04 | 2.08 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.04 | 2.08 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.04 | 2.08 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.04 | 2.08 | U |
| 591-78-6 | 2-Hexanone | ND | 1.04 | 2.08 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.04 | 2.08 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.04 | 2.08 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.04 | 2.08 | U |
| 100-41-4 | Ethylbenzene | ND | 1.04 | 2.08 | U |
| 108-90-7 | Chlorobenzene | ND | 1.04 | 2.08 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.04 | 2.08 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.08 | 4.17 | U |
| 95-47-6 | o-Xylene | ND | 2.08 | 4.17 | U |
| 100-42-5 | Styrene | ND | 1.04 | 4.17 | U |
| 75-25-2 | Bromoform | ND | 1.04 | 2.08 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.04 | 2.08 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.04 | 2.08 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.04 | 2.08 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.04 | 2.08 | U |
| 108-86-1 | Bromobenzene | ND | 1.04 | 2.08 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 21:56 | Matrix: | Soil |
| Percent Solids: | 96.00 | Prep Method: | EPA 5035A | File ID: | A10737.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 21:56 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.04 | 2.08 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.04 | 2.08 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.04 | 2.08 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.04 | 2.08 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.04 | 2.08 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.04 | 2.08 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.04 | 2.08 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.04 | 2.08 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.04 | 2.08 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.04 | 2.08 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.04 | 2.08 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.04 | 2.08 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.04 | 2.08 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.04 | 2.08 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.04 | 2.08 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 124% | 70-130 |
| Toluene-d8 | 98% | 70-130 |
| Bromofluorobenzene | 76% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/20/16 19:13 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 5035A | File ID: | A10763.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 19:13 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 7.06 | 11.8 | U |
| 107-13-1 | Acrylonitrile | ND | 2.35 | 11.8 | U |
| 67-64-1 | Acetone | ND | 1.18 | 2.35 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.18 | 2.35 | U |
| 74-87-3 | Chloromethane | ND | 1.18 | 2.35 | U |
| 75-01-4 | Vinyl chloride | ND | 1.18 | 2.35 | U |
| 74-83-9 | Bromomethane | ND | 1.18 | 2.35 | U |
| 75-00-3 | Chloroethane | ND | 1.18 | 2.35 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.18 | 2.35 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.18 | 2.35 | U |
| 75-15-0 | Carbon disulfide | ND | 1.18 | 2.35 | U |
| 75-09-2 | Methylene Chloride | ND | 1.18 | 2.35 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.18 | 2.35 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.18 | 2.35 | U |
| 108-05-4 | Vinyl acetate | ND | 1.18 | 2.35 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.18 | 2.35 | U |
| 78-93-3 | 2-Butanone | ND | 1.18 | 2.35 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.18 | 2.35 | U |
| 67-66-3 | Chloroform | ND | 1.18 | 2.35 | U |
| 74-97-5 | Bromochloromethane | ND | 1.18 | 2.35 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.18 | 2.35 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.18 | 2.35 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.18 | 2.35 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.18 | 2.35 | U |
| 71-43-2 | Benzene | ND | 1.18 | 2.35 | U |
| 79-01-6 | Trichloroethene | ND | 1.18 | 2.35 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/20/16 19:13 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 5035A | File ID: | A10763.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 19:13 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.18 | 2.35 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.18 | 2.35 | U |
| 74-95-3 | Dibromomethane | ND | 1.18 | 2.35 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.18 | 2.35 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.18 | 2.35 | U |
| 108-88-3 | Toluene | ND | 1.18 | 2.35 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.18 | 2.35 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.18 | 2.35 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.18 | 2.35 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.18 | 2.35 | U |
| 591-78-6 | 2-Hexanone | ND | 1.18 | 2.35 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.18 | 2.35 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.18 | 2.35 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.18 | 2.35 | U |
| 100-41-4 | Ethylbenzene | ND | 1.18 | 2.35 | U |
| 108-90-7 | Chlorobenzene | ND | 1.18 | 2.35 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.18 | 2.35 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.35 | 4.71 | U |
| 95-47-6 | o-Xylene | ND | 2.35 | 4.71 | U |
| 100-42-5 | Styrene | ND | 1.18 | 4.71 | U |
| 75-25-2 | Bromoform | ND | 1.18 | 2.35 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.18 | 2.35 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.18 | 2.35 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.18 | 2.35 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.18 | 2.35 | U |
| 108-86-1 | Bromobenzene | ND | 1.18 | 2.35 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/20/16 19:13 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 5035A | File ID: | A10763.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 19:13 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.18 | 2.35 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.18 | 2.35 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.18 | 2.35 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.18 | 2.35 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.18 | 2.35 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.18 | 2.35 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.18 | 2.35 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.18 | 2.35 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.18 | 2.35 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.18 | 2.35 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.18 | 2.35 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.18 | 2.35 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.18 | 2.35 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.18 | 2.35 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.18 | 2.35 | U |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 125% | | 70-130 |
| Toluene-d8 | 43% | * | 70-130 |
| Bromofluorobenzene | 72% | | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 22:59 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 5035A | File ID: | A10739.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 22:59 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 7.06 | 11.8 | U |
| 107-13-1 | Acrylonitrile | ND | 2.35 | 11.8 | U |
| 67-64-1 | Acetone | ND | 1.18 | 2.35 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.18 | 2.35 | U |
| 74-87-3 | Chloromethane | ND | 1.18 | 2.35 | U |
| 75-01-4 | Vinyl chloride | ND | 1.18 | 2.35 | U |
| 74-83-9 | Bromomethane | ND | 1.18 | 2.35 | U |
| 75-00-3 | Chloroethane | ND | 1.18 | 2.35 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.18 | 2.35 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.18 | 2.35 | U |
| 75-15-0 | Carbon disulfide | ND | 1.18 | 2.35 | U |
| 75-09-2 | Methylene Chloride | ND | 1.18 | 2.35 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.18 | 2.35 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.18 | 2.35 | U |
| 108-05-4 | Vinyl acetate | ND | 1.18 | 2.35 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.18 | 2.35 | U |
| 78-93-3 | 2-Butanone | ND | 1.18 | 2.35 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.18 | 2.35 | U |
| 67-66-3 | Chloroform | ND | 1.18 | 2.35 | U |
| 74-97-5 | Bromochloromethane | ND | 1.18 | 2.35 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.18 | 2.35 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.18 | 2.35 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.18 | 2.35 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.18 | 2.35 | U |
| 71-43-2 | Benzene | ND | 1.18 | 2.35 | U |
| 79-01-6 | Trichloroethene | ND | 1.18 | 2.35 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 22:59 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 5035A | File ID: | A10739.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 22:59 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.18 | 2.35 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.18 | 2.35 | U |
| 74-95-3 | Dibromomethane | ND | 1.18 | 2.35 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.18 | 2.35 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.18 | 2.35 | U |
| 108-88-3 | Toluene | ND | 1.18 | 2.35 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.18 | 2.35 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.18 | 2.35 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.18 | 2.35 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.18 | 2.35 | U |
| 591-78-6 | 2-Hexanone | ND | 1.18 | 2.35 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.18 | 2.35 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.18 | 2.35 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.18 | 2.35 | U |
| 100-41-4 | Ethylbenzene | ND | 1.18 | 2.35 | U |
| 108-90-7 | Chlorobenzene | ND | 1.18 | 2.35 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.18 | 2.35 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.35 | 4.71 | U |
| 95-47-6 | o-Xylene | ND | 2.35 | 4.71 | U |
| 100-42-5 | Styrene | ND | 1.18 | 4.71 | U |
| 75-25-2 | Bromoform | ND | 1.18 | 2.35 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.18 | 2.35 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.18 | 2.35 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.18 | 2.35 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.18 | 2.35 | U |
| 108-86-1 | Bromobenzene | ND | 1.18 | 2.35 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 22:59 | Matrix: | Soil |
| Percent Solids: | 85.00 | Prep Method: | EPA 5035A | File ID: | A10739.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 22:59 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.18 | 2.35 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.18 | 2.35 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.18 | 2.35 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.18 | 2.35 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.18 | 2.35 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.18 | 2.35 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.18 | 2.35 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.18 | 2.35 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.18 | 2.35 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.18 | 2.35 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.18 | 2.35 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.18 | 2.35 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.18 | 2.35 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.18 | 2.35 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.18 | 2.35 | U |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 129% | | 70-130 |
| Toluene-d8 | 14% | * | 70-130 |
| Bromofluorobenzene | 76% | | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 22:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 5035A | File ID: | A10738.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 22:28 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.38 | 10.6 | U |
| 107-13-1 | Acrylonitrile | ND | 2.13 | 10.6 | U |
| 67-64-1 | Acetone | ND | 1.06 | 2.13 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.06 | 2.13 | U |
| 74-87-3 | Chloromethane | ND | 1.06 | 2.13 | U |
| 75-01-4 | Vinyl chloride | ND | 1.06 | 2.13 | U |
| 74-83-9 | Bromomethane | ND | 1.06 | 2.13 | U |
| 75-00-3 | Chloroethane | ND | 1.06 | 2.13 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.06 | 2.13 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.06 | 2.13 | U |
| 75-15-0 | Carbon disulfide | ND | 1.06 | 2.13 | U |
| 75-09-2 | Methylene Chloride | ND | 1.06 | 2.13 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.06 | 2.13 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.06 | 2.13 | U |
| 108-05-4 | Vinyl acetate | ND | 1.06 | 2.13 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.06 | 2.13 | U |
| 78-93-3 | 2-Butanone | ND | 1.06 | 2.13 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.06 | 2.13 | U |
| 67-66-3 | Chloroform | ND | 1.06 | 2.13 | U |
| 74-97-5 | Bromochloromethane | ND | 1.06 | 2.13 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.06 | 2.13 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.06 | 2.13 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.06 | 2.13 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.06 | 2.13 | U |
| 71-43-2 | Benzene | ND | 1.06 | 2.13 | U |
| 79-01-6 | Trichloroethene | ND | 1.06 | 2.13 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 22:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 5035A | File ID: | A10738.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 22:28 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.06 | 2.13 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.06 | 2.13 | U |
| 74-95-3 | Dibromomethane | ND | 1.06 | 2.13 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.06 | 2.13 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.06 | 2.13 | U |
| 108-88-3 | Toluene | ND | 1.06 | 2.13 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.06 | 2.13 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.06 | 2.13 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.06 | 2.13 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.06 | 2.13 | U |
| 591-78-6 | 2-Hexanone | ND | 1.06 | 2.13 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.06 | 2.13 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.06 | 2.13 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.06 | 2.13 | U |
| 100-41-4 | Ethylbenzene | ND | 1.06 | 2.13 | U |
| 108-90-7 | Chlorobenzene | ND | 1.06 | 2.13 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.06 | 2.13 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.13 | 4.26 | U |
| 95-47-6 | o-Xylene | ND | 2.13 | 4.26 | U |
| 100-42-5 | Styrene | ND | 1.06 | 4.26 | U |
| 75-25-2 | Bromoform | ND | 1.06 | 2.13 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.06 | 2.13 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.06 | 2.13 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.06 | 2.13 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.06 | 2.13 | U |
| 108-86-1 | Bromobenzene | ND | 1.06 | 2.13 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 22:28 | Matrix: | Soil |
| Percent Solids: | 94.00 | Prep Method: | EPA 5035A | File ID: | A10738.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 22:28 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.06 | 2.13 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.06 | 2.13 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.06 | 2.13 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.06 | 2.13 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.06 | 2.13 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.06 | 2.13 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.06 | 2.13 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.06 | 2.13 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.06 | 2.13 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.06 | 2.13 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.06 | 2.13 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.06 | 2.13 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.06 | 2.13 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.06 | 2.13 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.06 | 2.13 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 119% | 70-130 |
| Toluene-d8 | 100% | 70-130 |
| Bromofluorobenzene | 91% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 17:45 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 5035A | File ID: | A10729.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 17:45 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.37 | 10.6 | U |
| 107-13-1 | Acrylonitrile | ND | 2.12 | 10.6 | U |
| 67-64-1 | Acetone | ND | 1.06 | 2.12 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.06 | 2.12 | U |
| 74-87-3 | Chloromethane | ND | 1.06 | 2.12 | U |
| 75-01-4 | Vinyl chloride | ND | 1.06 | 2.12 | U |
| 74-83-9 | Bromomethane | ND | 1.06 | 2.12 | U |
| 75-00-3 | Chloroethane | ND | 1.06 | 2.12 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.06 | 2.12 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.06 | 2.12 | U |
| 75-15-0 | Carbon disulfide | ND | 1.06 | 2.12 | U |
| 75-09-2 | Methylene Chloride | ND | 1.06 | 2.12 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.06 | 2.12 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.06 | 2.12 | U |
| 108-05-4 | Vinyl acetate | ND | 1.06 | 2.12 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.06 | 2.12 | U |
| 78-93-3 | 2-Butanone | ND | 1.06 | 2.12 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.06 | 2.12 | U |
| 67-66-3 | Chloroform | ND | 1.06 | 2.12 | U |
| 74-97-5 | Bromochloromethane | ND | 1.06 | 2.12 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.06 | 2.12 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.06 | 2.12 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.06 | 2.12 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.06 | 2.12 | U |
| 71-43-2 | Benzene | ND | 1.06 | 2.12 | U |
| 79-01-6 | Trichloroethene | ND | 1.06 | 2.12 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 17:45 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 5035A | File ID: | A10729.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 17:45 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.06 | 2.12 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.06 | 2.12 | U |
| 74-95-3 | Dibromomethane | ND | 1.06 | 2.12 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.06 | 2.12 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.06 | 2.12 | U |
| 108-88-3 | Toluene | ND | 1.06 | 2.12 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.06 | 2.12 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.06 | 2.12 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.06 | 2.12 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.06 | 2.12 | U |
| 591-78-6 | 2-Hexanone | ND | 1.06 | 2.12 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.06 | 2.12 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.06 | 2.12 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.06 | 2.12 | U |
| 100-41-4 | Ethylbenzene | ND | 1.06 | 2.12 | U |
| 108-90-7 | Chlorobenzene | ND | 1.06 | 2.12 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.06 | 2.12 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.12 | 4.25 | U |
| 95-47-6 | o-Xylene | ND | 2.12 | 4.25 | U |
| 100-42-5 | Styrene | ND | 1.06 | 4.25 | U |
| 75-25-2 | Bromoform | ND | 1.06 | 2.12 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.06 | 2.12 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.06 | 2.12 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.06 | 2.12 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.06 | 2.12 | U |
| 108-86-1 | Bromobenzene | ND | 1.06 | 2.12 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/19/16 17:45 | Matrix: | Soil |
| Percent Solids: | 94.20 | Prep Method: | EPA 5035A | File ID: | A10729.D |
| Prep Batch: | B6L1915 | Sequence: | S6L1910 | Analyzed: | 12/19/16 17:45 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.06 | 2.12 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.06 | 2.12 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.06 | 2.12 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.06 | 2.12 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.06 | 2.12 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.06 | 2.12 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.06 | 2.12 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.06 | 2.12 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.06 | 2.12 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.06 | 2.12 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.06 | 2.12 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.06 | 2.12 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.06 | 2.12 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.06 | 2.12 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.06 | 2.12 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 122% | 70-130 |
| Toluene-d8 | 91% | 70-130 |
| Bromofluorobenzene | 70% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/20/16 20:16 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 5035A | File ID: | A10765.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 20:16 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 8.46 | 14.1 | U |
| 107-13-1 | Acrylonitrile | ND | 2.82 | 14.1 | U |
| 67-64-1 | Acetone | 10.3 | 1.41 | 2.82 | |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.41 | 2.82 | U |
| 74-87-3 | Chloromethane | ND | 1.41 | 2.82 | U |
| 75-01-4 | Vinyl chloride | ND | 1.41 | 2.82 | U |
| 74-83-9 | Bromomethane | ND | 1.41 | 2.82 | U |
| 75-00-3 | Chloroethane | ND | 1.41 | 2.82 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.41 | 2.82 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.41 | 2.82 | U |
| 75-15-0 | Carbon disulfide | ND | 1.41 | 2.82 | U |
| 75-09-2 | Methylene Chloride | ND | 1.41 | 2.82 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.41 | 2.82 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.41 | 2.82 | U |
| 108-05-4 | Vinyl acetate | ND | 1.41 | 2.82 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.41 | 2.82 | U |
| 78-93-3 | 2-Butanone | ND | 1.41 | 2.82 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.41 | 2.82 | U |
| 67-66-3 | Chloroform | ND | 1.41 | 2.82 | U |
| 74-97-5 | Bromochloromethane | ND | 1.41 | 2.82 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.41 | 2.82 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.41 | 2.82 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.41 | 2.82 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.41 | 2.82 | U |
| 71-43-2 | Benzene | ND | 1.41 | 2.82 | U |
| 79-01-6 | Trichloroethene | ND | 1.41 | 2.82 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/20/16 20:16 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 5035A | File ID: | A10765.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 20:16 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.41 | 2.82 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.41 | 2.82 | U |
| 74-95-3 | Dibromomethane | ND | 1.41 | 2.82 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.41 | 2.82 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.41 | 2.82 | U |
| 108-88-3 | Toluene | ND | 1.41 | 2.82 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.41 | 2.82 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.41 | 2.82 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.41 | 2.82 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.41 | 2.82 | U |
| 591-78-6 | 2-Hexanone | ND | 1.41 | 2.82 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.41 | 2.82 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.41 | 2.82 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.41 | 2.82 | U |
| 100-41-4 | Ethylbenzene | ND | 1.41 | 2.82 | U |
| 108-90-7 | Chlorobenzene | ND | 1.41 | 2.82 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.41 | 2.82 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.82 | 5.64 | U |
| 95-47-6 | o-Xylene | ND | 2.82 | 5.64 | U |
| 100-42-5 | Styrene | ND | 1.41 | 5.64 | U |
| 75-25-2 | Bromoform | ND | 1.41 | 2.82 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.41 | 2.82 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.41 | 2.82 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.41 | 2.82 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.41 | 2.82 | U |
| 108-86-1 | Bromobenzene | ND | 1.41 | 2.82 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/20/16 20:16 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 5035A | File ID: | A10765.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 20:16 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.41 | 2.82 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.41 | 2.82 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.41 | 2.82 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.41 | 2.82 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.41 | 2.82 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.41 | 2.82 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.41 | 2.82 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.41 | 2.82 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.41 | 2.82 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.41 | 2.82 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.41 | 2.82 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.41 | 2.82 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.41 | 2.82 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.41 | 2.82 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.41 | 2.82 | U |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 146% | * | 70-130 |
| Toluene-d8 | 78% | | 70-130 |
| Bromofluorobenzene | 43% | * | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 16:25 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 5035A | File ID: | A10782.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 16:25 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 8.46 | 14.1 | U |
| 107-13-1 | Acrylonitrile | ND | 2.82 | 14.1 | U |
| 67-64-1 | Acetone | 4.27 | 1.41 | 2.82 | |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.41 | 2.82 | U |
| 74-87-3 | Chloromethane | ND | 1.41 | 2.82 | U |
| 75-01-4 | Vinyl chloride | ND | 1.41 | 2.82 | U |
| 74-83-9 | Bromomethane | ND | 1.41 | 2.82 | U |
| 75-00-3 | Chloroethane | ND | 1.41 | 2.82 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.41 | 2.82 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.41 | 2.82 | U |
| 75-15-0 | Carbon disulfide | ND | 1.41 | 2.82 | U |
| 75-09-2 | Methylene Chloride | ND | 1.41 | 2.82 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.41 | 2.82 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.41 | 2.82 | U |
| 108-05-4 | Vinyl acetate | ND | 1.41 | 2.82 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.41 | 2.82 | U |
| 78-93-3 | 2-Butanone | ND | 1.41 | 2.82 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.41 | 2.82 | U |
| 67-66-3 | Chloroform | ND | 1.41 | 2.82 | U |
| 74-97-5 | Bromochloromethane | ND | 1.41 | 2.82 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.41 | 2.82 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.41 | 2.82 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.41 | 2.82 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.41 | 2.82 | U |
| 71-43-2 | Benzene | ND | 1.41 | 2.82 | U |
| 79-01-6 | Trichloroethene | ND | 1.41 | 2.82 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 16:25 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 5035A | File ID: | A10782.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 16:25 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.41 | 2.82 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.41 | 2.82 | U |
| 74-95-3 | Dibromomethane | ND | 1.41 | 2.82 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.41 | 2.82 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.41 | 2.82 | U |
| 108-88-3 | Toluene | ND | 1.41 | 2.82 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.41 | 2.82 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.41 | 2.82 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.41 | 2.82 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.41 | 2.82 | U |
| 591-78-6 | 2-Hexanone | ND | 1.41 | 2.82 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.41 | 2.82 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.41 | 2.82 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.41 | 2.82 | U |
| 100-41-4 | Ethylbenzene | ND | 1.41 | 2.82 | U |
| 108-90-7 | Chlorobenzene | ND | 1.41 | 2.82 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.41 | 2.82 | U |
| 108-38-3/106-42 | m,p-Xylenes | ND | 2.82 | 5.64 | U |
| 95-47-6 | o-Xylene | ND | 2.82 | 5.64 | U |
| 100-42-5 | Styrene | ND | 1.41 | 5.64 | U |
| 75-25-2 | Bromoform | ND | 1.41 | 2.82 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.41 | 2.82 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.41 | 2.82 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.41 | 2.82 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.41 | 2.82 | U |
| 108-86-1 | Bromobenzene | ND | 1.41 | 2.82 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21RE1
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Prep Date: | 12/21/16 16:25 | Matrix: | Soil |
| Percent Solids: | 70.90 | Prep Method: | EPA 5035A | File ID: | A10782.D |
| Prep Batch: | B6L2113 | Sequence: | S6L2107 | Analyzed: | 12/21/16 16:25 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.41 | 2.82 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.41 | 2.82 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.41 | 2.82 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.41 | 2.82 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | 1.41 | 2.82 | U |
| 135-98-8 | sec-Butylbenzene | ND | 1.41 | 2.82 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.41 | 2.82 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.41 | 2.82 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.41 | 2.82 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.41 | 2.82 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.41 | 2.82 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.41 | 2.82 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.41 | 2.82 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.41 | 2.82 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.41 | 2.82 | U |

| Surrogate | % Recovery | | Recovery Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 143% | * | 70-130 |
| Toluene-d8 | 86% | | 70-130 |
| Bromofluorobenzene | 59% | * | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/20/16 12:26 | Matrix: | Soil |
| Percent Solids: | 89.10 | Prep Method: | EPA 5035A | File ID: | A10750.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 12:26 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 107-02-8 | Acrolein | ND | 6.73 | 11.2 | U |
| 107-13-1 | Acrylonitrile | ND | 2.24 | 11.2 | U |
| 67-64-1 | Acetone | ND | 1.12 | 2.24 | U |
| 75-71-8 | Dichlorodifluoromethane | ND | 1.12 | 2.24 | U |
| 74-87-3 | Chloromethane | ND | 1.12 | 2.24 | U |
| 75-01-4 | Vinyl chloride | ND | 1.12 | 2.24 | U |
| 74-83-9 | Bromomethane | ND | 1.12 | 2.24 | U |
| 75-00-3 | Chloroethane | ND | 1.12 | 2.24 | U |
| 75-69-4 | Trichlorofluoromethane | ND | 1.12 | 2.24 | U |
| 75-35-4 | 1,1-Dichloroethene | ND | 1.12 | 2.24 | U |
| 75-15-0 | Carbon disulfide | ND | 1.12 | 2.24 | U |
| 75-09-2 | Methylene Chloride | ND | 1.12 | 2.24 | U |
| 156-60-5 | trans-1,2-Dichloroethene | ND | 1.12 | 2.24 | U |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.12 | 2.24 | U |
| 108-05-4 | Vinyl acetate | ND | 1.12 | 2.24 | U |
| 590-20-7 | 2,2-Dichloropropane | ND | 1.12 | 2.24 | U |
| 78-93-3 | 2-Butanone | ND | 1.12 | 2.24 | U |
| 156-59-4 | cis-1,2-Dichloroethene | ND | 1.12 | 2.24 | U |
| 67-66-3 | Chloroform | ND | 1.12 | 2.24 | U |
| 74-97-5 | Bromochloromethane | ND | 1.12 | 2.24 | U |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.12 | 2.24 | U |
| 563-58-6 | 1,1-Dichloropropene | ND | 1.12 | 2.24 | U |
| 56-23-5 | Carbon Tetrachloride | ND | 1.12 | 2.24 | U |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.12 | 2.24 | U |
| 71-43-2 | Benzene | ND | 1.12 | 2.24 | U |
| 79-01-6 | Trichloroethene | ND | 1.12 | 2.24 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/20/16 12:26 | Matrix: | Soil |
| Percent Solids: | 89.10 | Prep Method: | EPA 5035A | File ID: | A10750.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 12:26 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 78-87-5 | 1,2-Dichloropropane | ND | 1.12 | 2.24 | U |
| 75-27-4 | Bromodichloromethane | ND | 1.12 | 2.24 | U |
| 74-95-3 | Dibromomethane | ND | 1.12 | 2.24 | U |
| 110-75-8 | 2-Chloroethyl vinyl ether | ND | 1.12 | 2.24 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.12 | 2.24 | U |
| 108-88-3 | Toluene | ND | 1.12 | 2.24 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.12 | 2.24 | U |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.12 | 2.24 | U |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1.12 | 2.24 | U |
| 106-93-4 | 1,2-Dibromoethane | ND | 1.12 | 2.24 | U |
| 591-78-6 | 2-Hexanone | ND | 1.12 | 2.24 | U |
| 142-28-9 | 1,3-Dichloropropane | ND | 1.12 | 2.24 | U |
| 127-18-4 | Tetrachloroethene | ND | 1.12 | 2.24 | U |
| 124-48-1 | Dibromochloromethane | ND | 1.12 | 2.24 | U |
| 100-41-4 | Ethylbenzene | ND | 1.12 | 2.24 | U |
| 108-90-7 | Chlorobenzene | ND | 1.12 | 2.24 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND | 1.12 | 2.24 | U |
| 108-38-3/106-42 | m,p-Xylenes | 2.38 | 2.24 | 4.49 | J |
| 95-47-6 | o-Xylene | ND | 2.24 | 4.49 | U |
| 100-42-5 | Styrene | ND | 1.12 | 4.49 | U |
| 75-25-2 | Bromoform | ND | 1.12 | 2.24 | U |
| 98-82-8 | Isopropylbenzene | ND | 1.12 | 2.24 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.12 | 2.24 | U |
| 96-18-4 | 1,2,3-Trichloropropane | ND | 1.12 | 2.24 | U |
| 103-65-1 | n-Propyl Benzene | ND | 1.12 | 2.24 | U |
| 108-86-1 | Bromobenzene | ND | 1.12 | 2.24 | U |

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## EPA 8260

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | | | |
|---|---|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Prep Date: | 12/20/16 12:26 | Matrix: | Soil |
| Percent Solids: | 89.10 | Prep Method: | EPA 5035A | File ID: | A10750.D |
| Prep Batch: | B6L2011 | Sequence: | S6L2008 | Analyzed: | 12/20/16 12:26 |
| Dilution: | 1 | | | Analyst: | SG |

| CAS NO. | COMPOUND | CONC. (ug/kg dry) | MDL | RL | Q |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | 1.12 | 2.24 | U |
| 95-49-8 | 2-Chlorotoluene | ND | 1.12 | 2.24 | U |
| 106-43-4 | 4-Chlorotoluene | ND | 1.12 | 2.24 | U |
| 98-06-6 | tert-Butylbenzene | ND | 1.12 | 2.24 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.65 | 1.12 | 2.24 | J |
| 135-98-8 | sec-Butylbenzene | ND | 1.12 | 2.24 | U |
| 99-87-6 | p-Isopropyltoluene | ND | 1.12 | 2.24 | U |
| 541-73-1 | 1,3-Dichlorobenzene | ND | 1.12 | 2.24 | U |
| 106-46-7 | 1,4-Dichlorobenzene | ND | 1.12 | 2.24 | U |
| 104-51-8 | n-Butyl Benzene | ND | 1.12 | 2.24 | U |
| 95-50-1 | 1,2-Dichlorobenzene | ND | 1.12 | 2.24 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ND | 1.12 | 2.24 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | 1.12 | 2.24 | U |
| 87-68-3 | Hexachlorobutadiene | ND | 1.12 | 2.24 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ND | 1.12 | 2.24 | U |

| Surrogate | % Recovery | Recovery Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 | 122% | 70-130 |
| Toluene-d8 | 104% | 70-130 |
| Bromofluorobenzene | 96% | 70-130 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# METALS

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 91.30 | File ID: | 121216b-017 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 1810 | 11.9 | 11.9 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0821 | 0.0821 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:01 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.38 | 2.38 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | ND | 0.594 | 0.594 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-39-3 | Barium | ND | 11.9 | 11.9 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.297 | 0.297 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | ND | 0.297 | 0.297 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 46.6 | 14.9 | 14.9 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 2.49 | 1.19 | 1.19 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 2.97 | 2.97 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-50-8 | Copper | 1.82 | 1.78 | 1.78 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7439-89-6 | Iron | 1850 | 14.9 | 14.9 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7439-92-1 | Lead | 1.80 | 0.594 | 0.594 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 230 | 29.7 | 29.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 9.27 | 1.19 | 1.19 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-02-0 | Nickel | ND | 2.38 | 2.38 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 94.0 | 29.7 | 29.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.38 | 2.38 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.297 | 0.297 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 49.3 | 29.7 | 29.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.891 | 1.78 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 3.63 | 2.97 | 2.97 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 6.14 | 3.57 | 3.57 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:59 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 96.00 | File ID: | 121216b-018 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 1400 | 11.1 | 11.1 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0781 | 0.0781 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:04 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.23 | 2.23 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | ND | 0.556 | 0.556 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-39-3 | Barium | ND | 11.1 | 11.1 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.278 | 0.278 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | ND | 0.278 | 0.278 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 34.3 | 13.9 | 13.9 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 2.94 | 1.11 | 1.11 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 2.78 | 2.78 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-50-8 | Copper | ND | 1.67 | 1.67 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7439-89-6 | Iron | 1960 | 13.9 | 13.9 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7439-92-1 | Lead | 1.49 | 0.556 | 0.556 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 218 | 27.8 | 27.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 15.6 | 1.11 | 1.11 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-02-0 | Nickel | ND | 2.23 | 2.23 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 99.6 | 27.8 | 27.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.23 | 2.23 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.278 | 0.278 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-23-5 | Sodium | ND | 27.8 | 27.8 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.835 | 1.67 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | ND | 2.78 | 2.78 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |
| 7440-66-6 | Zinc | ND | 3.34 | 3.34 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:04 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 91.10 | File ID: | 121216b-019 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8890 | 12.0 | 12.0 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0823 | 0.0823 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:06 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.40 | 2.40 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 2.44 | 0.600 | 0.600 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-39-3 | Barium | 19.3 | 12.0 | 12.0 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.300 | 0.300 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | ND | 0.300 | 0.300 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 115 | 15.0 | 15.0 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 10.6 | 1.20 | 1.20 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 3.00 | 3.00 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-50-8 | Copper | 5.64 | 1.80 | 1.80 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7439-89-6 | Iron | 10900 | 375 | 375 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 16:43 LIT | EPA 6010 |
| 7439-92-1 | Lead | 8.45 | 0.600 | 0.600 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 1390 | 30.0 | 30.0 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 63.0 | 1.20 | 1.20 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 5.05 | 2.40 | 2.40 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 423 | 30.0 | 30.0 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.40 | 2.40 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.300 | 0.300 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 117 | 30.0 | 30.0 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.899 | 1.80 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 16.8 | 3.00 | 3.00 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 35.6 | 3.60 | 3.60 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:09 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 93.10 | File ID: | 121216b-022 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 3780 | 11.7 | 11.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0806 | 0.0806 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:08 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.35 | 2.35 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 1.28 | 0.586 | 0.586 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-39-3 | Barium | ND | 11.7 | 11.7 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.293 | 0.293 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | ND | 0.293 | 0.293 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 57.2 | 14.7 | 14.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 5.09 | 1.17 | 1.17 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 2.93 | 2.93 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-50-8 | Copper | 2.60 | 1.76 | 1.76 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7439-89-6 | Iron | 4360 | 14.7 | 14.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7439-92-1 | Lead | 4.00 | 0.586 | 0.586 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 409 | 29.3 | 29.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 26.8 | 1.17 | 1.17 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-02-0 | Nickel | ND | 2.35 | 2.35 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 157 | 29.3 | 29.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.35 | 2.35 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.293 | 0.293 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 65.3 | 29.3 | 29.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.879 | 1.76 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 6.62 | 2.93 | 2.93 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 8.48 | 3.52 | 3.52 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:24 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 92.00 | File ID: | 121216b-023 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4150 | 12.1 | 12.1 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7439-97-6 | Mercury | 0.138 | 0.0815 | 0.0815 | 1 | | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:10 PRT | EPA 7471 |
| 7440-36-0 | Antimony | 8.07 | 2.41 | 2.41 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 3.59 | 0.603 | 0.603 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-39-3 | Barium | 648 | 12.1 | 12.1 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.302 | 0.302 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | ND | 0.302 | 0.302 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 287 | 15.1 | 15.1 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 5.61 | 1.21 | 1.21 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 3.02 | 3.02 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-50-8 | Copper | 14.2 | 1.81 | 1.81 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7439-89-6 | Iron | 4390 | 15.1 | 15.1 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7439-92-1 | Lead | 694 | 0.603 | 0.603 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 689 | 30.2 | 30.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 27.0 | 1.21 | 1.21 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 3.23 | 2.41 | 2.41 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 368 | 30.2 | 30.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.41 | 2.41 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.302 | 0.302 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 113 | 30.2 | 30.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.905 | 1.81 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 6.76 | 3.02 | 3.02 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 165 | 3.62 | 3.62 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:29 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 92.00 | File ID: | 121216b-024 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 2830 | 11.4 | 11.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7439-97-6 | Mercury | 2.23 | 0.0815 | 0.0815 | 1 | | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:19 PRT | EPA 7471 |
| 7440-36-0 | Antimony | 24.1 | 2.29 | 2.29 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 2.75 | 0.572 | 0.572 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-39-3 | Barium | 1040 | 11.4 | 11.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.286 | 0.286 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.698 | 0.286 | 0.286 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 1180 | 14.3 | 14.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 47.1 | 1.14 | 1.14 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 2.86 | 2.86 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-50-8 | Copper | 668 | 1.72 | 1.72 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7439-89-6 | Iron | 6360 | 14.3 | 14.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7439-92-1 | Lead | 1040 | 0.572 | 0.572 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 758 | 28.6 | 28.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 48.7 | 1.14 | 1.14 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 10.2 | 2.29 | 2.29 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 244 | 28.6 | 28.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.29 | 2.29 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.286 | 0.286 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 84.9 | 28.6 | 28.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.858 | 1.72 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 6.83 | 2.86 | 2.86 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 229 | 3.43 | 3.43 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:35 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 93.10 | File ID: | 121216b-025 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 6180 | 11.4 | 11.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7439-97-6 | Mercury | 0.223 | 0.0806 | 0.0806 | 1 | | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:21 PRT | EPA 7471 |
| 7440-36-0 | Antimony | 5.43 | 2.28 | 2.28 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 3.94 | 0.571 | 0.571 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-39-3 | Barium | 117 | 11.4 | 11.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | 0.292 | 0.285 | 0.285 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 2.35 | 0.285 | 0.285 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 2020 | 14.3 | 14.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 12.4 | 1.14 | 1.14 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 2.85 | 2.85 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-50-8 | Copper | 63.6 | 1.71 | 1.71 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7439-89-6 | Iron | 15800 | 357 | 357 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/12/16 19:31 LIT | EPA 6010 |
| 7439-92-1 | Lead | 80.2 | 0.571 | 0.571 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 755 | 28.5 | 28.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 119 | 1.14 | 1.14 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 9.39 | 2.28 | 2.28 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 358 | 28.5 | 28.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.28 | 2.28 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-22-4 | Silver | 5.01 | 0.285 | 0.285 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 52.2 | 28.5 | 28.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.856 | 1.71 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 14.1 | 2.85 | 2.85 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 72.1 | 3.42 | 3.42 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:40 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 92.00 | File ID: | 121216b-012 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 2130 | 10.9 | 10.9 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0815 | 0.0815 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 14:55 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.17 | 2.17 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 0.739 | 0.543 | 0.543 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-39-3 | Barium | ND | 10.9 | 10.9 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.272 | 0.272 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | ND | 0.272 | 0.272 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 51.8 | 13.6 | 13.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 3.27 | 1.09 | 1.09 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 2.72 | 2.72 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-50-8 | Copper | 2.26 | 1.63 | 1.63 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7439-89-6 | Iron | 3080 | 13.6 | 13.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7439-92-1 | Lead | 1.99 | 0.543 | 0.543 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 281 | 27.2 | 27.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 41.9 | 1.09 | 1.09 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-02-0 | Nickel | ND | 2.17 | 2.17 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 159 | 27.2 | 27.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.17 | 2.17 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.272 | 0.272 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-23-5 | Sodium | ND | 27.2 | 27.2 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.815 | 1.63 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 4.02 | 2.72 | 2.72 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 4.24 | 3.26 | 3.26 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 16:34 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 90.00 | File ID: | 121216b-026 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4900 | 11.5 | 11.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0833 | 0.0833 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:23 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.30 | 2.30 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 1.91 | 0.575 | 0.575 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-39-3 | Barium | 30.8 | 11.5 | 11.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.287 | 0.287 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.427 | 0.287 | 0.287 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 38500 | 359 | 359 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 16:48 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 11.1 | 1.15 | 1.15 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 2.96 | 2.87 | 2.87 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-50-8 | Copper | 11.2 | 1.72 | 1.72 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7439-89-6 | Iron | 6360 | 14.4 | 14.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7439-92-1 | Lead | 21.9 | 0.575 | 0.575 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 8850 | 28.7 | 28.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 113 | 1.15 | 1.15 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 9.17 | 2.30 | 2.30 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 328 | 28.7 | 28.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.30 | 2.30 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.287 | 0.287 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 97.3 | 28.7 | 28.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.862 | 1.72 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 15.4 | 2.87 | 2.87 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 25.7 | 3.45 | 3.45 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:45 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 89.30 | File ID: | 121216b-027 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8550 | 12.0 | 12.0 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0840 | 0.0840 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:25 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.39 | 2.39 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 2.43 | 0.598 | 0.598 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-39-3 | Barium | 19.0 | 12.0 | 12.0 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.299 | 0.299 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | ND | 0.299 | 0.299 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 444 | 14.9 | 14.9 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 10.0 | 1.20 | 1.20 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 3.84 | 2.99 | 2.99 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-50-8 | Copper | 5.44 | 1.79 | 1.79 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7439-89-6 | Iron | 9950 | 374 | 374 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 16:53 LIT | EPA 6010 |
| 7439-92-1 | Lead | 6.16 | 0.598 | 0.598 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 1340 | 29.9 | 29.9 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 82.4 | 1.20 | 1.20 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 5.72 | 2.39 | 2.39 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 437 | 29.9 | 29.9 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.39 | 2.39 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.299 | 0.299 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-23-5 | Sodium | ND | 29.9 | 29.9 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.897 | 1.79 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 16.7 | 2.99 | 2.99 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 12.8 | 3.59 | 3.59 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:50 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 90.10 | File ID: | 121216b-028 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 6170 | 12.2 | 12.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7439-97-6 | Mercury | 0.0921 | 0.0832 | 0.0832 | 1 | | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:27 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.44 | 2.44 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 4.24 | 0.610 | 0.610 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-39-3 | Barium | 22.4 | 12.2 | 12.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.305 | 0.305 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.330 | 0.305 | 0.305 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 4150 | 15.2 | 15.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 7.17 | 1.22 | 1.22 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 3.05 | 3.05 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-50-8 | Copper | 8.80 | 1.83 | 1.83 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7439-89-6 | Iron | 7990 | 381 | 381 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 16:58 LIT | EPA 6010 |
| 7439-92-1 | Lead | 12.4 | 0.610 | 0.610 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 2910 | 30.5 | 30.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 129 | 1.22 | 1.22 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 7.01 | 2.44 | 2.44 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 293 | 30.5 | 30.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.44 | 2.44 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.305 | 0.305 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 34.2 | 30.5 | 30.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.915 | 1.83 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 11.5 | 3.05 | 3.05 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 27.5 | 3.66 | 3.66 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 17:55 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 89.40 | File ID: | 121216b-029 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 10700 | 12.3 | 12.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0839 | 0.0839 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:29 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.45 | 2.45 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 1.26 | 0.613 | 0.613 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-39-3 | Barium | 72.7 | 12.3 | 12.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | 0.753 | 0.306 | 0.306 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.540 | 0.306 | 0.306 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 532 | 15.3 | 15.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 14.0 | 1.23 | 1.23 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 6.27 | 3.06 | 3.06 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-50-8 | Copper | 11.6 | 1.84 | 1.84 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7439-89-6 | Iron | 16200 | 383 | 383 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 17:03 LIT | EPA 6010 |
| 7439-92-1 | Lead | 13.7 | 0.613 | 0.613 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 1940 | 30.6 | 30.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 273 | 1.23 | 1.23 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 15.4 | 2.45 | 2.45 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 910 | 30.6 | 30.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.45 | 2.45 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.306 | 0.306 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-23-5 | Sodium | ND | 30.6 | 30.6 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.919 | 1.84 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 24.4 | 3.06 | 3.06 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 28.3 | 3.68 | 3.68 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:00 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 87.40 | File ID: | 121216b-030 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 9160 | 11.8 | 11.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7439-97-6 | Mercury | 0.108 | 0.0858 | 0.0858 | 1 | | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:31 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.36 | 2.36 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 4.87 | 0.591 | 0.591 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-39-3 | Barium | 75.8 | 11.8 | 11.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | 0.514 | 0.295 | 0.295 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 1.43 | 0.295 | 0.295 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 2750 | 14.8 | 14.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 20.1 | 1.18 | 1.18 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 5.82 | 2.95 | 2.95 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-50-8 | Copper | 33.8 | 1.77 | 1.77 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7439-89-6 | Iron | 28100 | 369 | 369 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 17:09 LIT | EPA 6010 |
| 7439-92-1 | Lead | 26.0 | 0.591 | 0.591 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 2610 | 29.5 | 29.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 262 | 1.18 | 1.18 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 21.8 | 2.36 | 2.36 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 538 | 29.5 | 29.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.36 | 2.36 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-22-4 | Silver | 0.872 | 0.295 | 0.295 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-23-5 | Sodium | ND | 29.5 | 29.5 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.886 | 1.77 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 23.0 | 2.95 | 2.95 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 47.7 | 3.55 | 3.55 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:05 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 94.00 | File ID: | 121216b-031 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4450 | 11.5 | 11.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0798 | 0.0798 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:33 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.29 | 2.29 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 1.87 | 0.573 | 0.573 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-39-3 | Barium | 14.4 | 11.5 | 11.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.287 | 0.287 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.352 | 0.287 | 0.287 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 2040 | 14.3 | 14.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 6.93 | 1.15 | 1.15 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 2.88 | 2.87 | 2.87 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-50-8 | Copper | 5.45 | 1.72 | 1.72 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7439-89-6 | Iron | 4340 | 358 | 358 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 17:14 LIT | EPA 6010 |
| 7439-92-1 | Lead | 7.16 | 0.573 | 0.573 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 1590 | 28.7 | 28.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 135 | 1.15 | 1.15 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 6.40 | 2.29 | 2.29 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 240 | 28.7 | 28.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.29 | 2.29 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.287 | 0.287 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-23-5 | Sodium | ND | 28.7 | 28.7 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.860 | 1.72 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 10.4 | 2.87 | 2.87 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 15.9 | 3.44 | 3.44 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:10 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 93.10 | File ID: | 121216b-034 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 2670 | 11.4 | 11.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0806 | 0.0806 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:36 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.27 | 2.27 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 1.24 | 0.569 | 0.569 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-39-3 | Barium | 11.7 | 11.4 | 11.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.284 | 0.284 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | ND | 0.284 | 0.284 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 248 | 14.2 | 14.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 4.48 | 1.14 | 1.14 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 2.84 | 2.84 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-50-8 | Copper | 3.38 | 1.71 | 1.71 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7439-89-6 | Iron | 5570 | 14.2 | 14.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7439-92-1 | Lead | 5.40 | 0.569 | 0.569 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 490 | 28.4 | 28.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 99.8 | 1.14 | 1.14 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 4.39 | 2.27 | 2.27 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 167 | 28.4 | 28.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.27 | 2.27 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.284 | 0.284 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-23-5 | Sodium | ND | 28.4 | 28.4 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.853 | 1.71 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 6.37 | 2.84 | 2.84 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 9.38 | 3.41 | 3.41 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:25 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 94.00 | File ID: | 121216b-035 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5500 | 11.8 | 11.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0798 | 0.0798 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:38 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.37 | 2.37 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 1.14 | 0.591 | 0.591 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-39-3 | Barium | 29.2 | 11.8 | 11.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | 0.343 | 0.296 | 0.296 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.347 | 0.296 | 0.296 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 348 | 14.8 | 14.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 8.14 | 1.18 | 1.18 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 3.20 | 2.96 | 2.96 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-50-8 | Copper | 7.18 | 1.77 | 1.77 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7439-89-6 | Iron | 9290 | 370 | 370 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 17:19 LIT | EPA 6010 |
| 7439-92-1 | Lead | 12.9 | 0.591 | 0.591 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 934 | 29.6 | 29.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 148 | 1.18 | 1.18 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 5.75 | 2.37 | 2.37 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 405 | 29.6 | 29.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.37 | 2.37 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.296 | 0.296 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 44.9 | 29.6 | 29.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.887 | 1.77 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 12.1 | 2.96 | 2.96 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 21.5 | 3.55 | 3.55 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:30 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 96.00 | File ID: | 121216b-036 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 2010 | 11.1 | 11.1 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0781 | 0.0781 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:46 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.22 | 2.22 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | ND | 0.554 | 0.554 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-39-3 | Barium | ND | 11.1 | 11.1 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.277 | 0.277 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.581 | 0.277 | 0.277 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 153 | 13.8 | 13.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 4.38 | 1.11 | 1.11 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | ND | 2.77 | 2.77 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-50-8 | Copper | 9.34 | 1.66 | 1.66 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7439-89-6 | Iron | 3170 | 13.8 | 13.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7439-92-1 | Lead | 6.56 | 0.554 | 0.554 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 401 | 27.7 | 27.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 19.0 | 1.11 | 1.11 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-02-0 | Nickel | ND | 2.22 | 2.22 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 171 | 27.7 | 27.7 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.22 | 2.22 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.277 | 0.277 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-23-5 | Sodium | ND | 27.7 | 27.7 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.831 | 1.66 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 4.18 | 2.77 | 2.77 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 22.0 | 3.32 | 3.32 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:35 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 85.00 | File ID: | 121216b-037 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 2190 | 12.5 | 12.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7439-97-6 | Mercury | 0.102 | 0.0882 | 0.0882 | 1 | | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:48 PRT | EPA 7471 |
| 7440-36-0 | Antimony | 9.20 | 2.50 | 2.50 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 1.20 | 0.625 | 0.625 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-39-3 | Barium | 25.4 | 12.5 | 12.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | 0.316 | 0.312 | 0.312 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 24.4 | 0.312 | 0.312 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 1820 | 15.6 | 15.6 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 78.9 | 1.25 | 1.25 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 12.4 | 3.12 | 3.12 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-50-8 | Copper | 532 | 1.87 | 1.87 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7439-89-6 | Iron | 231000 | 1560 | 1560 | 100 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 17:24 LIT | EPA 6010 |
| 7439-92-1 | Lead | 70.9 | 0.625 | 0.625 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 730 | 31.2 | 31.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 495 | 1.25 | 1.25 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 130 | 2.50 | 2.50 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 369 | 31.2 | 31.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.50 | 2.50 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.312 | 0.312 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 118 | 31.2 | 31.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.937 | 1.87 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 20.2 | 3.12 | 3.12 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 170 | 3.75 | 3.75 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:40 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 94.00 | File ID: | 121216b-038 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4030 | 11.5 | 11.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0798 | 0.0798 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:51 PRT | EPA 7471 |
| 7440-36-0 | Antimony | 4.56 | 2.31 | 2.31 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 5.46 | 0.576 | 0.576 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-39-3 | Barium | 45.4 | 11.5 | 11.5 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.288 | 0.288 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.424 | 0.288 | 0.288 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 148 | 14.4 | 14.4 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 6.90 | 1.15 | 1.15 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 3.79 | 2.88 | 2.88 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-50-8 | Copper | 14.2 | 1.73 | 1.73 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7439-89-6 | Iron | 7590 | 360 | 360 | 25 | D | 12/12/16 10:00 | EPA 3050B | 12/13/16 17:29 LIT | EPA 6010 |
| 7439-92-1 | Lead | 29.0 | 0.576 | 0.576 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 630 | 28.8 | 28.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 94.7 | 1.15 | 1.15 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 6.67 | 2.31 | 2.31 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 225 | 28.8 | 28.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.31 | 2.31 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.288 | 0.288 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 118 | 28.8 | 28.8 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.864 | 1.73 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 9.50 | 2.88 | 2.88 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 32.1 | 3.46 | 3.46 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:45 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 94.20 | File ID: | 121216b-039 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 1650 | 11.3 | 11.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0796 | 0.0796 | 1 | U | 12/12/16 08:38 | EPA 7471A | 12/12/16 15:53 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.26 | 2.26 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 1.78 | 0.564 | 0.564 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-39-3 | Barium | 50.1 | 11.3 | 11.3 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.282 | 0.282 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.320 | 0.282 | 0.282 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 356 | 14.1 | 14.1 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 27.4 | 1.13 | 1.13 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 3.53 | 2.82 | 2.82 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-50-8 | Copper | 14.6 | 1.69 | 1.69 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7439-89-6 | Iron | 3900 | 14.1 | 14.1 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7439-92-1 | Lead | 136 | 0.564 | 0.564 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 304 | 28.2 | 28.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 47.0 | 1.13 | 1.13 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 50.8 | 2.26 | 2.26 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 105 | 28.2 | 28.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.26 | 2.26 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-22-4 | Silver | 0.617 | 0.282 | 0.282 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 29.3 | 28.2 | 28.2 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.846 | 1.69 | 1 | U | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 6.50 | 2.82 | 2.82 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 257 | 3.38 | 3.38 | 1 | | 12/12/16 10:00 | EPA 3050B | 12/12/16 18:50 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 70.90 | File ID: | 121316D-021 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8490 | 14.9 | 14.9 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.106 | 0.106 | 1 | U | 12/15/16 08:32 | EPA 7471A | 12/15/16 12:41 PRT | EPA 7471 |
| 7440-36-0 | Antimony | 67.0 | 2.98 | 2.98 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 7.94 | 0.745 | 0.745 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-39-3 | Barium | 240 | 14.9 | 14.9 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | ND | 0.373 | 0.373 | 1 | U | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 4.47 | 0.373 | 0.373 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 2820 | 18.6 | 18.6 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 39.9 | 1.49 | 1.49 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 14.5 | 3.73 | 3.73 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-50-8 | Copper | 347 | 2.24 | 2.24 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7439-89-6 | Iron | 44400 | 932 | 932 | 50 | D | 12/13/16 10:37 | EPA 3050B | 12/13/16 20:02 LIT | EPA 6010 |
| 7439-92-1 | Lead | 378 | 0.745 | 0.745 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 2180 | 37.3 | 37.3 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 226 | 1.49 | 1.49 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 74.3 | 2.98 | 2.98 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 287 | 37.3 | 37.3 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.98 | 2.98 | 1 | U | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.373 | 0.373 | 1 | U | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 262 | 37.3 | 37.3 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 1.12 | 2.24 | 1 | U | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 34.0 | 3.73 | 3.73 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 635 | 4.47 | 4.47 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:21 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 89.10 | File ID: | 121316D-022 |

| CAS NO. | Analyte | Concentration (mg/kg dry) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 10100 | 12.5 | 12.5 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7439-97-6 | Mercury | ND | 0.0842 | 0.0842 | 1 | U | 12/15/16 08:32 | EPA 7471A | 12/15/16 12:43 PRT | EPA 7471 |
| 7440-36-0 | Antimony | ND | 2.49 | 2.49 | 1 | U | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-38-2 | Arsenic | 2.60 | 0.624 | 0.624 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-39-3 | Barium | 32.6 | 12.5 | 12.5 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-41-7 | Beryllium | 0.700 | 0.312 | 0.312 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-43-9 | Cadmium | 0.548 | 0.312 | 0.312 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-70-2 | Calcium | 716 | 15.6 | 15.6 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-47-3 | Chromium | 11.9 | 1.25 | 1.25 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-48-4 | Cobalt | 4.71 | 3.12 | 3.12 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-50-8 | Copper | 12.1 | 1.87 | 1.87 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7439-89-6 | Iron | 15500 | 390 | 390 | 25 | D | 12/13/16 10:37 | EPA 3050B | 12/13/16 20:07 LIT | EPA 6010 |
| 7439-92-1 | Lead | 14.3 | 0.624 | 0.624 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7439-95-4 | Magnesium | 1680 | 31.2 | 31.2 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7439-96-5 | Manganese | 254 | 1.25 | 1.25 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-02-0 | Nickel | 9.29 | 2.49 | 2.49 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-09-7 | Potassium | 814 | 31.2 | 31.2 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7782-49-2 | Selenium | ND | 2.49 | 2.49 | 1 | U | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-22-4 | Silver | ND | 0.312 | 0.312 | 1 | U | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-23-5 | Sodium | 39.6 | 31.2 | 31.2 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-28-0 | Thallium | ND | 0.935 | 1.87 | 1 | U | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-62-2 | Vanadium | 21.9 | 3.12 | 3.12 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |
| 7440-66-6 | Zinc | 40.7 | 3.74 | 3.74 | 1 | | 12/13/16 10:37 | EPA 3050B | 12/13/16 19:27 LIT | EPA 6010 |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# WET CHEMISTRY

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-1
**Lab Sample ID:** 1602303-01
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 91.30 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 91.3 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-2
**Lab Sample ID:** 1602303-02
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 96.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 96.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-3
**Lab Sample ID:** 1602303-03
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 91.10 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 91.1 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-4
**Lab Sample ID:** 1602303-04
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 93.10 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 93.1 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-5
**Lab Sample ID:** 1602303-05
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 92.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 92.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-6
**Lab Sample ID:** 1602303-06
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 92.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 92.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-7
**Lab Sample ID:** 1602303-07
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 93.10 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 93.1 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-8
**Lab Sample ID:** 1602303-08
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 92.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 92.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-9
**Lab Sample ID:** 1602303-09
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 90.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 90.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** SB-10
**Lab Sample ID:** 1602303-10
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 89.30 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 89.3 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-1
**Lab Sample ID:** 1602303-11
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 90.10 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 90.1 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-2
**Lab Sample ID:** 1602303-12
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 89.40 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 89.4 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-3
**Lab Sample ID:** 1602303-13
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 87.40 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 87.4 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-4
**Lab Sample ID:** 1602303-14
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 94.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 94.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-5
**Lab Sample ID:** 1602303-15
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 93.10 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 93.1 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-6
**Lab Sample ID:** 1602303-16
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 94.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 94.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-7
**Lab Sample ID:** 1602303-17
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 96.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 96.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-8
**Lab Sample ID:** 1602303-18
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 85.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 85.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-9
**Lab Sample ID:** 1602303-19
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 94.00 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 94.0 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-10
**Lab Sample ID:** 1602303-20
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 94.20 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 94.2 | 0.100 | 0.100 | 1 | | 12/14/16 11:55 | Percent Solids | 12/14/16 16:42 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-12
**Lab Sample ID:** 1602303-21
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/07/16 00:00 | Matrix: | Soil |
| Percent Solids: | 70.90 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 70.9 | 0.100 | 0.100 | 1 | | 12/14/16 10:00 | Percent Solids | 12/14/16 15:10 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

Accredited Analytical Resources, LLC.

# ANALYSIS DATA SHEET

## Inorganics

**Client:** GALLI Engineering
**Client Sample ID:** CP-X
**Lab Sample ID:** 1602303-22
**Project:** Silverstar NY
**Work Order:** 1602303

| | | | |
|---|---|---|---|
| Date Sampled: | 12/06/16 00:00 | Matrix: | Soil |
| Percent Solids: | 89.10 | File ID: | |

| CAS NO. | Analyte | Concentration (%) | MDL | RL | DF | Q | Prepared | Prep Method | Analyzed By | Method |
|---|---|---|---|---|---|---|---|---|---|---|
| NA | Percent Solids | 89.1 | 0.100 | 0.100 | 1 | | 12/14/16 10:00 | Percent Solids | 12/14/16 15:10 KMC | SM 2540 G |

* Values outside of QC limits
ND - Indicates compound analyzed for but not detected
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
MDL - Minimum detection limit
RL - Reporting limit

PHOENIX
Environmental Laboratories, Inc.

**Tuesday, January 24, 2017**

**Attn: Scott Davidow**
**Galli Engineering, P.C.**
**35 Pinelawn Road Suite 209E**
**Melville, NY 11747**

**Project ID: SILVER STAR NY FARMINGDALE**
**Sample ID#s: BX22672 - BX22675, BX22838**

**This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.**

**This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.**

**A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.**

**If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.**

**Sincerely yours,**

**Phyllis Shiller**
**Laboratory Director**

**NELAC - #NY11301**
**CT Lab Registration #PH-0618**
**MA Lab Registration #MA-CT-007**
**ME Lab Registration #CT-007**
**NH Lab Registration #213693-A,B**
**NJ Lab Registration #CT-003**
**NY Lab Registration #11301**
**PA Lab Registration #68-03530**
**RI Lab Registration #63**
**VT Lab Registration #VT11301**

**587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040**
**Telephone (860) 645-1102 Fax (860) 645-0823**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

January 24, 2017

FOR: Attn: Scott Davidow
Galli Engineering, P.C.
35 Pinelawn Road Suite 209E
Melville, NY 11747

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 01/12/17 | |
| Location Code: | GALLI-ENG | Received by: | SW | 01/13/17 | 15:00 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GBX22672
Phoenix ID: BX22672

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-1

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| Silver | 0.003 | 0.001 | | mg/L | 1 | 01/16/17 | LK | SW6010C | |
| Aluminum | 0.303 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Arsenic | < 0.004 | 0.004 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Barium | 0.093 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Beryllium | < 0.001 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Calcium | 14.1 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | B |
| Cadmium | < 0.001 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Cobalt | < 0.002 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Chromium | 0.003 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Copper | < 0.005 | 0.005 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Iron | 0.462 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | B |
| Mercury | < 0.0002 | 0.0002 | | mg/L | 1 | 01/17/17 | MA | SW7470A | |
| Potassium | 1.9 | 0.1 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Magnesium | 3.64 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Manganese | 0.015 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Sodium | 24.0 | 0.10 | | mg/L | 1 | 01/16/17 | LK | SW6010C | |
| Nickel | 0.003 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Lead | 0.003 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Antimony | < 0.005 | 0.005 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Selenium | < 0.010 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Thallium | < 0.001 | 0.001 | | mg/L | 1 | 01/16/17 | MA | SM3113B/SW7010-10 | |
| Vanadium | < 0.002 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Zinc | 0.026 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Mercury Digestion | Completed | | | | | 01/17/17 | Q/Q | SW7470A | |
| PCB Extraction (2 Liter) | Completed | | | | | 01/13/17 | BT | SW3510C | |
| Extraction for Pest (2 Liter) | Completed | | | | | 01/13/17 | BT | SW3510C | |
| Semi-Volatile Extraction | Completed | | | | | 01/13/17 | P/D/D | SW3520C | |
| Total Metals Digestion | Completed | | | | | 01/13/17 | AG | | |

**Ver 1**

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-1

Phoenix I.D.: BX22672

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls** | | | | | | | | | |
| PCB-1016 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1221 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1232 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1242 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1248 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1254 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1260 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1262 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1268 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| **QA/QC Surrogates** | | | | | | | | | |
| % DCBP | 90 | | | % | 1 | 01/16/17 | AW | 30 - 150 % | |
| % TCMX | 80 | | | % | 1 | 01/16/17 | AW | 30 - 150 % | |
| **Pesticides** | | | | | | | | | |
| 4,4' -DDD | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| 4,4' -DDE | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| 4,4' -DDT | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| a-BHC | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Alachlor | ND | 0.075 | | ug/L | 1 | 01/19/17 | CE | SW8081B | 1 |
| Aldrin | ND | 0.002 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| b-BHC | ND | 0.005 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Chlordane | ND | 0.30 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| d-BHC | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Dieldrin | ND | 0.003 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan I | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan II | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan Sulfate | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin Aldehyde | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin ketone | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| g-BHC (Lindane) | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Heptachlor | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Heptachlor epoxide | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Methoxychlor | ND | 0.10 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Toxaphene | ND | 1.0 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| **QA/QC Surrogates** | | | | | | | | | |
| %DCBP (Surrogate Rec) | 85 | | | % | 1 | 01/19/17 | CE | 30 - 150 % | |
| %TCMX (Surrogate Rec) | 109 | | | % | 1 | 01/19/17 | CE | 30 - 150 % | |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,1-Trichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2-Trichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloropropene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |

Project ID: SILVER STAR NY FARMINGDALE

Client ID: MW-1

Phoenix I.D.: BX22672

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloroethane | ND | 0.60 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2,2-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Chlorotoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Hexanone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Isopropyltoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| 4-Chlorotoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 4-Methyl-2-pentanone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Acetone | ND | 25 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Acrylonitrile | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Benzene | ND | 0.70 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromochloromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromodichloromethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromoform | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromomethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon Disulfide | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroform | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,3-Dichloropropene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromochloromethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromomethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Ethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Hexachlorobutadiene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Isopropylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| m&p-Xylene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl ethyl ketone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methylene chloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Naphthalene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Propylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| o-Xylene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| p-Isopropyltoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-1

Phoenix I.D.: BX22672

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Styrene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| tert-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrachloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrahydrofuran (THF) | ND | 2.5 | | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| Toluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Total Xylenes | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,3-Dichloropropene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,4-dichloro-2-butene | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorotrifluoroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Vinyl chloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 105 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Bromofluorobenzene | 103 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Dibromofluoromethane | 95 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Toluene-d8 | 106 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |

## Semivolatiles

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,2-Dichlorobenzene | ND | 2.5 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,2-Diphenylhydrazine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,3-Dichlorobenzene | ND | 2.5 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,4-Dichlorobenzene | ND | 2.5 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4,5-Trichlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4,6-Trichlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dichlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dimethylphenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dinitrophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dinitrotoluene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,6-Dinitrotoluene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Chloronaphthalene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Chlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Methylphenol (o-cresol) | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Nitroaniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Nitrophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3&4-Methylphenol (m&p-cresol) | ND | 10 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3,3'-Dichlorobenzidine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3-Nitroaniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4,6-Dinitro-2-methylphenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Bromophenyl phenyl ether | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chloro-3-methylphenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chloroaniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chlorophenyl phenyl ether | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Nitroaniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Nitrophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Acetophenone | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Aniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-1

Phoenix I.D.: BX22672

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Benzidine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Benzoic acid | ND | 50 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Benzyl butyl phthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroethoxy)methane | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroethyl)ether | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroisopropyl)ether | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Carbazole | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Dibenzofuran | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Diethyl phthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Dimethylphthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Di-n-butylphthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Di-n-octylphthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Hexachlorocyclopentadiene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Isophorone | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| N-Nitrosodi-n-propylamine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| N-Nitrosodiphenylamine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Phenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| **QA/QC Surrogates** | | | | | | | | |
| % 2,4,6-Tribromophenol | 87 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % 2-Fluorobiphenyl | 53 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| % 2-Fluorophenol | 23 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % Nitrobenzene-d5 | 48 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| % Phenol-d5 | 29 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % Terphenyl-d14 | 91 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| **Semivolatiles (SIM)** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| 2-Methylnaphthalene | ND | 1.0 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Acenaphthene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Acenaphthylene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benz(a)anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(a)pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(b)fluoranthene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(ghi)perylene | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(k)fluoranthene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Bis(2-ethylhexyl)phthalate | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Chrysene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Dibenz(a,h)anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Fluoranthene | ND | 0.04 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Fluorene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachlorobenzene | ND | 0.04 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachlorobutadiene | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachloroethane | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Indeno(1,2,3-cd)pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Naphthalene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Nitrobenzene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| N-Nitrosodimethylamine | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pentachloronitrobenzene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pentachlorophenol | ND | 0.80 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |

**Ver 1**

Project ID: SILVER STAR NY FARMINGDALE

Client ID: MW-1

Phoenix I.D.: BX22672

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Phenanthrene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pyridine | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| **QA/QC Surrogates** | | | | | | | | |
| % 2,4,6-Tribromophenol | 87 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % 2-Fluorobiphenyl | 53 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |
| % 2-Fluorophenol | 23 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % Nitrobenzene-d5 | 48 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |
| % Phenol-d5 | 29 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % Terphenyl-d14 | 91 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**January 24, 2017**

**Reviewed and Released by: Ethan Lee, Project Manager**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

January 24, 2017

FOR: Attn: Scott Davidow
Galli Engineering, P.C.
35 Pinelawn Road Suite 209E
Melville, NY 11747

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 01/12/17 | |
| Location Code: | GALLI-ENG | Received by: | SW | 01/13/17 | 15:00 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GBX22672
Phoenix ID: BX22673

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-3

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| Silver | < 0.001 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Aluminum | 4.90 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Arsenic | 0.005 | 0.004 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Barium | 0.127 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Beryllium | < 0.001 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Calcium | 13.0 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | B |
| Cadmium | < 0.001 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Cobalt | 0.003 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Chromium | 0.024 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Copper | 0.034 | 0.005 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Iron | 6.45 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | B |
| Mercury | < 0.0002 | 0.0002 | | mg/L | 1 | 01/17/17 | MA | SW7470A | |
| Potassium | 2.6 | 0.1 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Magnesium | 3.83 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Manganese | 0.061 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Sodium | 33.0 | 0.10 | | mg/L | 1 | 01/16/17 | LK | SW6010C | |
| Nickel | 0.008 | 0.001 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Lead | 0.236 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Antimony | < 0.005 | 0.005 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Selenium | < 0.010 | 0.010 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Thallium | < 0.001 | 0.001 | | mg/L | 1 | 01/16/17 | MA | SM3113B/SW7010-10 | |
| Vanadium | 0.009 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Zinc | 0.077 | 0.002 | | mg/L | 1 | 01/15/17 | LK | SW6010C | |
| Mercury Digestion | Completed | | | | | 01/17/17 | Q/Q | SW7470A | |
| PCB Extraction (2 Liter) | Completed | | | | | 01/13/17 | BT | SW3510C | |
| Extraction for Pest (2 Liter) | Completed | | | | | 01/13/17 | BT | SW3510C | |
| Semi-Volatile Extraction | Completed | | | | | 01/13/17 | P/D/D | SW3520C | |
| Total Metals Digestion | Completed | | | | | 01/13/17 | AG | | |

**Ver 1**

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-3

Phoenix I.D.: BX22673

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls** | | | | | | | | | |
| PCB-1016 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1221 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1232 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1242 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1248 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1254 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1260 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1262 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| PCB-1268 | ND | 0.050 | 0.050 | ug/L | 1 | 01/16/17 | AW | E608/SW8082A | |
| **QA/QC Surrogates** | | | | | | | | | |
| % DCBP | 53 | | | % | 1 | 01/16/17 | AW | 30 - 150 % | |
| % TCMX | 72 | | | % | 1 | 01/16/17 | AW | 30 - 150 % | |
| **Pesticides** | | | | | | | | | |
| 4,4' -DDD | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| 4,4' -DDE | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| 4,4' -DDT | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| a-BHC | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Alachlor | ND | 0.075 | | ug/L | 1 | 01/19/17 | CE | SW8081B | 1 |
| Aldrin | ND | 0.002 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| b-BHC | ND | 0.005 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Chlordane | ND | 0.30 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| d-BHC | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Dieldrin | 0.031 | 0.002 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan I | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan II | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan Sulfate | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin Aldehyde | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin ketone | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| g-BHC (Lindane) | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Heptachlor | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Heptachlor epoxide | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Methoxychlor | ND | 0.10 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Toxaphene | ND | 1.0 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| **QA/QC Surrogates** | | | | | | | | | |
| %DCBP (Surrogate Rec) | 66 | | | % | 1 | 01/19/17 | CE | 30 - 150 % | |
| %TCMX (Surrogate Rec) | 96 | | | % | 1 | 01/19/17 | CE | 30 - 150 % | |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,1-Trichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2-Trichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloropropene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-3

Phoenix I.D.: BX22673

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloroethane | ND | 0.60 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2,2-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Chlorotoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Hexanone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Isopropyltoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| 4-Chlorotoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 4-Methyl-2-pentanone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Acetone | ND | 25 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Acrylonitrile | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Benzene | ND | 0.70 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromochloromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromodichloromethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromoform | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromomethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon Disulfide | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroform | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,3-Dichloropropene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromochloromethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromomethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Ethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Hexachlorobutadiene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Isopropylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| m&p-Xylene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl ethyl ketone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methylene chloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Naphthalene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Propylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| o-Xylene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| p-Isopropyltoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-3

Phoenix I.D.: BX22673

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Styrene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| tert-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrachloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrahydrofuran (THF) | ND | 2.5 | | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| Toluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Total Xylenes | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,3-Dichloropropene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,4-dichloro-2-butene | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorotrifluoroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Vinyl chloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 105 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Bromofluorobenzene | 105 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Dibromofluoromethane | 99 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Toluene-d8 | 106 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |

## Semivolatiles

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,2-Dichlorobenzene | ND | 2.5 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,2-Diphenylhydrazine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,3-Dichlorobenzene | ND | 2.5 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,4-Dichlorobenzene | ND | 2.5 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4,5-Trichlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4,6-Trichlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dichlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dimethylphenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dinitrophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dinitrotoluene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,6-Dinitrotoluene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Chloronaphthalene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Chlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Methylphenol (o-cresol) | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Nitroaniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Nitrophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3&4-Methylphenol (m&p-cresol) | ND | 10 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3,3'-Dichlorobenzidine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3-Nitroaniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4,6-Dinitro-2-methylphenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Bromophenyl phenyl ether | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chloro-3-methylphenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chloroaniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chlorophenyl phenyl ether | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Nitroaniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Nitrophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Acetophenone | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Aniline | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-3

Phoenix I.D.: BX22673

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Benzidine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Benzoic acid | ND | 50 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Benzyl butyl phthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroethoxy)methane | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroethyl)ether | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroisopropyl)ether | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Carbazole | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Dibenzofuran | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Diethyl phthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Dimethylphthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Di-n-butylphthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Di-n-octylphthalate | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Hexachlorocyclopentadiene | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Isophorone | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| N-Nitrosodi-n-propylamine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| N-Nitrosodiphenylamine | ND | 5.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Phenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| **QA/QC Surrogates** | | | | | | | | |
| % 2,4,6-Tribromophenol | 90 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % 2-Fluorobiphenyl | 71 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| % 2-Fluorophenol | 52 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % Nitrobenzene-d5 | 78 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| % Phenol-d5 | 62 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % Terphenyl-d14 | 96 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| **Semivolatiles (SIM)** | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| 2-Methylnaphthalene | ND | 1.0 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Acenaphthene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Acenaphthylene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benz(a)anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(a)pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(b)fluoranthene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(ghi)perylene | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(k)fluoranthene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Bis(2-ethylhexyl)phthalate | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Chrysene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Dibenz(a,h)anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Fluoranthene | ND | 0.04 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Fluorene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachlorobenzene | ND | 0.04 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachlorobutadiene | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachloroethane | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Indeno(1,2,3-cd)pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Naphthalene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Nitrobenzene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| N-Nitrosodimethylamine | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pentachloronitrobenzene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pentachlorophenol | ND | 0.80 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |

**Ver 1**

Project ID: SILVER STAR NY FARMINGDALE

Client ID: MW-3

Phoenix I.D.: BX22673

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Phenanthrene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pyridine | ND | 0.50 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| **QA/QC Surrogates** | | | | | | | | |
| % 2,4,6-Tribromophenol | 90 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % 2-Fluorobiphenyl | 71 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |
| % 2-Fluorophenol | 52 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % Nitrobenzene-d5 | 78 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |
| % Phenol-d5 | 62 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % Terphenyl-d14 | 96 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**January 24, 2017**

**Reviewed and Released by: Ethan Lee, Project Manager**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

January 24, 2017

FOR: Attn: Scott Davidow
Galli Engineering, P.C.
35 Pinelawn Road Suite 209E
Melville, NY 11747

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 01/12/17 | |
| Location Code: | GALLI-ENG | Received by: | SW | 01/13/17 | 15:00 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GBX22672
Phoenix ID: BX22674

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-4

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.001 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Aluminum | 2.59 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Arsenic | 0.005 | 0.004 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Barium | 0.064 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Beryllium | < 0.001 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Calcium | 19.6 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Cadmium | < 0.001 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Cobalt | < 0.002 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Chromium | 0.010 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Copper | 0.010 | 0.005 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Iron | 5.28 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Mercury | < 0.0002 | 0.0002 | | mg/L | 1 | 01/17/17 | MA | SW7470A |
| Potassium | 3.1 | 0.1 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Magnesium | 3.66 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Manganese | 0.031 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Sodium | 30.0 | 0.10 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Nickel | 0.005 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Lead | < 0.002 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Antimony | < 0.005 | 0.005 | | mg/L | 1 | 01/19/17 | TH | SW6010C |
| Selenium | < 0.010 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Thallium | < 0.001 | 0.001 | | mg/L | 1 | 01/16/17 | MA | SM3113B/SW7010-10 |
| Vanadium | 0.006 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Zinc | 0.013 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Mercury Digestion | Completed | | | | | 01/17/17 | Q/Q | SW7470A |
| PCB Extraction (2 Liter) | Completed | | | | | 01/13/17 | BT | SW3510C |
| Extraction for Pest (2 Liter) | Completed | | | | | 01/13/17 | BT | SW3510C |
| Semi-Volatile Extraction | Completed | | | | | 01/13/17 | P/D/D | SW3520C |
| Total Metals Digestion | Completed | | | | | 01/16/17 | AG | |

**Ver 1**

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-4

Phoenix I.D.: BX22674

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls** | | | | | | | | | |
| PCB-1016 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1221 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1232 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1242 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1248 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1254 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1260 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1262 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1268 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| **QA/QC Surrogates** | | | | | | | | | |
| % DCBP | 76 | | | % | 1 | 01/17/17 | AW | 30 - 150 % | |
| % TCMX | 63 | | | % | 1 | 01/17/17 | AW | 30 - 150 % | |
| **Pesticides** | | | | | | | | | |
| 4,4' -DDD | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| 4,4' -DDE | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| 4,4' -DDT | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| a-BHC | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Alachlor | ND | 0.075 | | ug/L | 1 | 01/19/17 | CE | SW8081B | 1 |
| Aldrin | ND | 0.002 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| b-BHC | ND | 0.005 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Chlordane | ND | 0.30 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| d-BHC | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Dieldrin | 0.024 | 0.002 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan I | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan II | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan Sulfate | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin Aldehyde | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin ketone | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| g-BHC (Lindane) | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Heptachlor | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Heptachlor epoxide | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Methoxychlor | ND | 0.10 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Toxaphene | ND | 1.0 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| **QA/QC Surrogates** | | | | | | | | | |
| %DCBP (Surrogate Rec) | 79 | | | % | 1 | 01/19/17 | CE | 30 - 150 % | |
| %TCMX (Surrogate Rec) | 83 | | | % | 1 | 01/19/17 | CE | 30 - 150 % | |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,1-Trichloroethane | 2.5 | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2-Trichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloropropene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-4

Phoenix I.D.: BX22674

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloroethane | ND | 0.60 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2,2-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Chlorotoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Hexanone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Isopropyltoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| 4-Chlorotoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 4-Methyl-2-pentanone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Acetone | ND | 25 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Acrylonitrile | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Benzene | ND | 0.70 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromochloromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromodichloromethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromoform | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromomethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon Disulfide | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroform | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,3-Dichloropropene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromochloromethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromomethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Ethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Hexachlorobutadiene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Isopropylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| m&p-Xylene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl ethyl ketone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methylene chloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Naphthalene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Propylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| o-Xylene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| p-Isopropyltoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-4

Phoenix I.D.: BX22674

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Styrene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| tert-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrachloroethene | 1.4 | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrahydrofuran (THF) | ND | 2.5 | | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| Toluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Total Xylenes | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,3-Dichloropropene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,4-dichloro-2-butene | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichloroethene | 6.3 | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorotrifluoroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Vinyl chloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 105 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Bromofluorobenzene | 105 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Dibromofluoromethane | 100 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Toluene-d8 | 106 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |

## Semivolatiles

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,2-Dichlorobenzene | ND | 2.6 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,2-Diphenylhydrazine | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,3-Dichlorobenzene | ND | 2.6 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,4-Dichlorobenzene | ND | 2.6 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4,5-Trichlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4,6-Trichlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dichlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dimethylphenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dinitrophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dinitrotoluene | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,6-Dinitrotoluene | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Chloronaphthalene | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Chlorophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Methylphenol (o-cresol) | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Nitroaniline | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Nitrophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3&4-Methylphenol (m&p-cresol) | ND | 10 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3,3'-Dichlorobenzidine | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3-Nitroaniline | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4,6-Dinitro-2-methylphenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Bromophenyl phenyl ether | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chloro-3-methylphenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chloroaniline | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chlorophenyl phenyl ether | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Nitroaniline | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Nitrophenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Acetophenone | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Aniline | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-4

Phoenix I.D.: BX22674

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Benzidine | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Benzoic acid | ND | 52 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Benzyl butyl phthalate | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroethoxy)methane | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroethyl)ether | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroisopropyl)ether | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Carbazole | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Dibenzofuran | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Diethyl phthalate | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Dimethylphthalate | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Di-n-butylphthalate | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Di-n-octylphthalate | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Hexachlorocyclopentadiene | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Isophorone | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| N-Nitrosodi-n-propylamine | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| N-Nitrosodiphenylamine | ND | 5.2 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Phenol | ND | 1.0 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| **QA/QC Surrogates** | | | | | | | | |
| % 2,4,6-Tribromophenol | 102 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % 2-Fluorobiphenyl | 78 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| % 2-Fluorophenol | 64 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % Nitrobenzene-d5 | 90 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| % Phenol-d5 | 74 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % Terphenyl-d14 | 97 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |

## Semivolatiles (SIM)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | ND | 0.52 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| 2-Methylnaphthalene | ND | 1.0 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Acenaphthene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Acenaphthylene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benz(a)anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(a)pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(b)fluoranthene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(ghi)perylene | ND | 0.52 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(k)fluoranthene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Bis(2-ethylhexyl)phthalate | ND | 0.52 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Chrysene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Dibenz(a,h)anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Fluoranthene | ND | 0.04 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Fluorene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachlorobenzene | ND | 0.04 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachlorobutadiene | ND | 0.52 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachloroethane | ND | 0.52 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Indeno(1,2,3-cd)pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Naphthalene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Nitrobenzene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| N-Nitrosodimethylamine | ND | 0.52 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pentachloronitrobenzene | ND | 0.10 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pentachlorophenol | ND | 0.83 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |

**Ver 1**

Project ID: SILVER STAR NY FARMINGDALE

Client ID: MW-4

Phoenix I.D.: BX22674

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Phenanthrene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pyridine | ND | 0.52 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| **QA/QC Surrogates** | | | | | | | | |
| % 2,4,6-Tribromophenol | 102 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % 2-Fluorobiphenyl | 78 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |
| % 2-Fluorophenol | 64 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % Nitrobenzene-d5 | 90 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |
| % Phenol-d5 | 74 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % Terphenyl-d14 | 97 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**January 24, 2017**

**Reviewed and Released by: Ethan Lee, Project Manager**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

January 24, 2017

FOR: Attn: Scott Davidow
Galli Engineering, P.C.
35 Pinelawn Road Suite 209E
Melville, NY 11747

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 01/12/17 | |
| Location Code: | GALLI-ENG | Received by: | SW | 01/13/17 | 15:00 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GBX22672
Phoenix ID: BX22675

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-5

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Silver | < 0.001 | 0.001 | | mg/L | 1 | 01/17/17 | MA | SW6010C |
| Aluminum | 6.59 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Arsenic | 0.005 | 0.004 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Barium | 0.168 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Beryllium | < 0.001 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Calcium | 14.2 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Cadmium | 0.002 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Cobalt | 0.003 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Chromium | 0.395 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Copper | 0.023 | 0.005 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Iron | 14.5 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Mercury | < 0.0002 | 0.0002 | | mg/L | 1 | 01/17/17 | MA | SW7470A |
| Potassium | 2.3 | 0.1 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Magnesium | 3.14 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Manganese | 0.112 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Sodium | 17.3 | 0.10 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Nickel | 0.010 | 0.001 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Lead | 0.090 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Antimony | < 0.005 | 0.005 | | mg/L | 1 | 01/19/17 | TH | SW6010C |
| Selenium | < 0.010 | 0.010 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Thallium | < 0.001 | 0.001 | | mg/L | 1 | 01/16/17 | MA | SM3113B/SW7010-10 |
| Vanadium | 0.010 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Zinc | 0.051 | 0.002 | | mg/L | 1 | 01/17/17 | LK | SW6010C |
| Mercury Digestion | Completed | | | | | 01/17/17 | Q/Q | SW7470A |
| PCB Extraction (2 Liter) | Completed | | | | | 01/13/17 | BT | SW3510C |
| Extraction for Pest (2 Liter) | Completed | | | | | 01/13/17 | BT | SW3510C |
| Semi-Volatile Extraction | Completed | | | | | 01/13/17 | P/D/D | SW3520C |
| Total Metals Digestion | Completed | | | | | 01/16/17 | AG | |

**Ver 1**

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-5

Phoenix I.D.: BX22675

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| **Polychlorinated Biphenyls** | | | | | | | | | |
| PCB-1016 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1221 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1232 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1242 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1248 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1254 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1260 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1262 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| PCB-1268 | ND | 0.050 | 0.050 | ug/L | 1 | 01/17/17 | AW | E608/SW8082A | |
| **QA/QC Surrogates** | | | | | | | | | |
| % DCBP | 68 | | | % | 1 | 01/17/17 | AW | 30 - 150 % | |
| % TCMX | 70 | | | % | 1 | 01/17/17 | AW | 30 - 150 % | |
| **Pesticides** | | | | | | | | | |
| 4,4' -DDD | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| 4,4' -DDE | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| 4,4' -DDT | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| a-BHC | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Alachlor | ND | 0.075 | | ug/L | 1 | 01/19/17 | CE | SW8081B | 1 |
| Aldrin | ND | 0.002 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| b-BHC | ND | 0.005 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Chlordane | 0.27 | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| d-BHC | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Dieldrin | 0.008 | 0.002 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan I | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan II | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endosulfan Sulfate | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin Aldehyde | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Endrin ketone | ND | 0.050 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| g-BHC (Lindane) | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Heptachlor | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Heptachlor epoxide | ND | 0.025 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Methoxychlor | ND | 0.10 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| Toxaphene | ND | 1.0 | | ug/L | 1 | 01/19/17 | CE | SW8081B | |
| **QA/QC Surrogates** | | | | | | | | | |
| %DCBP (Surrogate Rec) | 80 | | | % | 1 | 01/19/17 | CE | 30 - 150 % | |
| %TCMX (Surrogate Rec) | 95 | | | % | 1 | 01/19/17 | CE | 30 - 150 % | |
| **Volatiles** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,1-Trichloroethane | 2.0 | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2-Trichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloropropene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-5

Phoenix I.D.: BX22675

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromoethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloroethane | ND | 0.60 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,4-Dichlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2,2-Dichloropropane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Chlorotoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Hexanone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Isopropyltoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| 4-Chlorotoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 4-Methyl-2-pentanone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Acetone | ND | 25 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Acrylonitrile | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Benzene | ND | 0.70 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromochloromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromodichloromethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromoform | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromomethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon Disulfide | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon tetrachloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chlorobenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroform | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,2-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,3-Dichloropropene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromochloromethane | ND | 0.50 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromomethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dichlorodifluoromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Ethylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Hexachlorobutadiene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Isopropylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| m&p-Xylene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl ethyl ketone | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methylene chloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Naphthalene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Propylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| o-Xylene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| p-Isopropyltoluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-5

Phoenix I.D.: BX22675

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Styrene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| tert-Butylbenzene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrachloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrahydrofuran (THF) | ND | 2.5 | | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| Toluene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Total Xylenes | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,2-Dichloroethene | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,3-Dichloropropene | ND | 0.40 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,4-dichloro-2-butene | ND | 5.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichloroethene | 5.7 | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorofluoromethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorotrifluoroethane | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Vinyl chloride | ND | 1.0 | | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| **QA/QC Surrogates** | | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 106 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Bromofluorobenzene | 105 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Dibromofluoromethane | 105 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Toluene-d8 | 106 | | | % | 1 | 01/14/17 | MH | 70 - 130 % | |

## Semivolatiles

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,2-Dichlorobenzene | ND | 2.9 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,2-Diphenylhydrazine | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,3-Dichlorobenzene | ND | 2.9 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 1,4-Dichlorobenzene | ND | 2.9 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4,5-Trichlorophenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4,6-Trichlorophenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dichlorophenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dimethylphenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dinitrophenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,4-Dinitrotoluene | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2,6-Dinitrotoluene | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Chloronaphthalene | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Chlorophenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Methylphenol (o-cresol) | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Nitroaniline | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 2-Nitrophenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3&4-Methylphenol (m&p-cresol) | ND | 11 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3,3'-Dichlorobenzidine | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 3-Nitroaniline | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4,6-Dinitro-2-methylphenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Bromophenyl phenyl ether | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chloro-3-methylphenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chloroaniline | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Chlorophenyl phenyl ether | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Nitroaniline | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| 4-Nitrophenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Acetophenone | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Aniline | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-5

Phoenix I.D.: BX22675

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Benzidine | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Benzoic acid | ND | 57 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Benzyl butyl phthalate | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroethoxy)methane | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroethyl)ether | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Bis(2-chloroisopropyl)ether | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Carbazole | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Dibenzofuran | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Diethyl phthalate | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Dimethylphthalate | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Di-n-butylphthalate | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Di-n-octylphthalate | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Hexachlorocyclopentadiene | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Isophorone | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| N-Nitrosodi-n-propylamine | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| N-Nitrosodiphenylamine | ND | 5.7 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| Phenol | ND | 1.1 | | ug/L | 1 | 01/18/17 | DD | SW8270D |
| **QA/QC Surrogates** | | | | | | | | |
| % 2,4,6-Tribromophenol | 103 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % 2-Fluorobiphenyl | 78 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| % 2-Fluorophenol | 69 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % Nitrobenzene-d5 | 93 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |
| % Phenol-d5 | 78 | | | % | 1 | 01/18/17 | DD | 15 - 110 % |
| % Terphenyl-d14 | 98 | | | % | 1 | 01/18/17 | DD | 30 - 130 % |

## Semivolatiles (SIM)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | ND | 0.57 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| 2-Methylnaphthalene | ND | 1.1 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Acenaphthene | ND | 0.06 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Acenaphthylene | ND | 0.06 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benz(a)anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(a)pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(b)fluoranthene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(ghi)perylene | ND | 0.57 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Benzo(k)fluoranthene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Bis(2-ethylhexyl)phthalate | ND | 0.57 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Chrysene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Dibenz(a,h)anthracene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Fluoranthene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Fluorene | ND | 0.11 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachlorobenzene | ND | 0.05 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachlorobutadiene | ND | 0.57 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Hexachloroethane | ND | 0.57 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Indeno(1,2,3-cd)pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Naphthalene | ND | 0.11 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Nitrobenzene | ND | 0.11 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| N-Nitrosodimethylamine | ND | 0.57 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pentachloronitrobenzene | ND | 0.11 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pentachlorophenol | ND | 0.91 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |

Project ID: SILVER STAR NY FARMINGDALE

Client ID: MW-5

Phoenix I.D.: BX22675

| Parameter | Result | RL/ PQL | LOD/ MDL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|---|
| Phenanthrene | ND | 0.06 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pyrene | ND | 0.02 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| Pyridine | ND | 0.57 | | ug/L | 1 | 01/17/17 | DD | SW8270D (SIM) |
| **QA/QC Surrogates** | | | | | | | | |
| % 2,4,6-Tribromophenol | 103 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % 2-Fluorobiphenyl | 78 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |
| % 2-Fluorophenol | 69 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % Nitrobenzene-d5 | 93 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |
| % Phenol-d5 | 78 | | | % | 1 | 01/17/17 | DD | 15 - 110 % |
| % Terphenyl-d14 | 98 | | | % | 1 | 01/17/17 | DD | 30 - 130 % |

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**January 24, 2017**

**Reviewed and Released by: Ethan Lee, Project Manager**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Report

January 24, 2017

FOR: Attn: Scott Davidow
Galli Engineering, P.C.
35 Pinelawn Road Suite 209E
Melville, NY 11747

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | WATER | Collected by: | | 01/12/17 | |
| Location Code: | GALLI-ENG | Received by: | SW | 01/13/17 | 15:00 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GBX22672
Phoenix ID: BX22838

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-1

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|
| **Volatiles** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dibromoethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloroethane | ND | 0.60 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Hexanone | ND | 5.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |

Project ID: SILVER STAR NY FARMINGDALE
Client ID: MW-1

Phoenix I.D.: BX22838

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference | |
|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 25 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Acrylonitrile | ND | 5.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Benzene | ND | 0.70 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromobenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromochloromethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromodichloromethane | ND | 0.50 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromoform | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Bromomethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon Disulfide | ND | 5.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Carbon tetrachloride | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chlorobenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloroform | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Chloromethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| cis-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromochloromethane | ND | 0.50 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dibromomethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Ethylbenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Isopropylbenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| m&p-Xylene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Methylene chloride | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Naphthalene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Butylbenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| n-Propylbenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| o-Xylene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| sec-Butylbenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Styrene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| tert-Butylbenzene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrachloroethene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Tetrahydrofuran (THF) | ND | 2.5 | ug/L | 1 | 01/14/17 | MH | SW8260C | 1 |
| Toluene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Total Xylenes | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichloroethene | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| Vinyl chloride | ND | 1.0 | ug/L | 1 | 01/14/17 | MH | SW8260C | |
| **QA/QC Surrogates** | | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 105 | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Bromofluorobenzene | 103 | | % | 1 | 01/14/17 | MH | 70 - 130 % | |
| % Dibromofluoromethane | 105 | | % | 1 | 01/14/17 | MH | 70 - 130 % | |

**Ver 1**

Project ID: SILVER STAR NY FARMINGDALE

Client ID: MW-1

Phoenix I.D.: BX22838

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| % Toluene-d8 | 105 | | % | 1 | 01/14/17 | MH | 70 - 130 % |

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

## Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

**Phyllis Shiller, Laboratory Director**

**January 24, 2017**

**Reviewed and Released by: Ethan Lee, Project Manager**

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# QA/QC Report

January 24, 2017

## QA/QC Data

SDG I.D.: GBX22672

| Parameter | Blank | Blk RL | Sample Result | Dup Result | Dup RPD | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 372963 (mg/L), QC Sample No: BX22555 (BX22672, BX22673) | | | | | | | | | | | | | |
| **ICP Metals - Aqueous** | | | | | | | | | | | | | |
| Aluminum | BRL | 0.010 | <0.010 | <0.010 | NC | 95.6 | | | 93.6 | | | 75 - 125 | 20 |
| Antimony | BRL | 0.005 | <0.005 | <0.005 | NC | 102 | | | 100 | | | 75 - 125 | 20 |
| Arsenic | BRL | 0.004 | <0.004 | <0.004 | NC | 97.5 | | | 96.6 | | | 75 - 125 | 20 |
| Barium | BRL | 0.002 | <0.002 | <0.002 | NC | 99.4 | | | 98.4 | | | 75 - 125 | 20 |
| Beryllium | BRL | 0.001 | <0.001 | <0.001 | NC | 99.2 | | | 99.2 | | | 75 - 125 | 20 |
| Cadmium | BRL | 0.001 | <0.001 | <0.001 | NC | 97.5 | | | 95.9 | | | 75 - 125 | 20 |
| Calcium | 0.034 | 0.010 | 0.048 | 0.023 | NC | 96.8 | | | 90.4 | | | 75 - 125 | 20 |
| Chromium | BRL | 0.001 | <0.001 | <0.001 | NC | 98.2 | | | 97.2 | | | 75 - 125 | 20 |
| Cobalt | BRL | 0.002 | <0.002 | <0.002 | NC | 98.3 | | | 97.3 | | | 75 - 125 | 20 |
| Copper | BRL | 0.005 | <0.005 | <0.005 | NC | 98.0 | | | 96.6 | | | 75 - 125 | 20 |
| Iron | 0.020 | 0.010 | 0.012 | 0.013 | NC | 99.1 | | | 96.5 | | | 75 - 125 | 20 |
| Lead | BRL | 0.002 | 0.006 | <0.002 | NC | 98.6 | | | 97.8 | | | 75 - 125 | 20 |
| Magnesium | BRL | 0.010 | <0.010 | <0.010 | NC | 101 | | | 99.5 | | | 75 - 125 | 20 |
| Manganese | BRL | 0.001 | <0.001 | <0.001 | NC | 99.2 | | | 98.1 | | | 75 - 125 | 20 |
| Nickel | BRL | 0.001 | <0.001 | <0.001 | NC | 98.1 | | | 96.2 | | | 75 - 125 | 20 |
| Potassium | BRL | 0.1 | 0.2 | <0.1 | NC | 102 | | | 97.2 | | | 75 - 125 | 20 |
| Selenium | BRL | 0.010 | <0.010 | <0.010 | NC | 97.5 | | | 94.6 | | | 75 - 125 | 20 |
| Silver | BRL | 0.001 | <0.001 | <0.001 | NC | 97.8 | | | 97.8 | | | 75 - 125 | 20 |
| Sodium | BRL | 0.10 | 0.12 | <0.10 | NC | 105 | | | 94.5 | | | 75 - 125 | 20 |
| Vanadium | BRL | 0.002 | <0.002 | <0.002 | NC | 97.2 | | | 95.8 | | | 75 - 125 | 20 |
| Zinc | BRL | 0.002 | 0.004 | 0.002 | NC | 96.9 | | | 94.6 | | | 75 - 125 | 20 |
| QA/QC Batch 372996 (mg/L), QC Sample No: BX22716 (BX22672, BX22673, BX22674, BX22675) | | | | | | | | | | | | | |
| Thallium - Water | BRL | 0.001 | <0.001 | <0.001 | NC | 115 | | | 119 | | | 75 - 125 | 20 |
| QA/QC Batch 373192 (mg/L), QC Sample No: BX22756 (BX22674, BX22675) | | | | | | | | | | | | | |
| **ICP Metals - Aqueous** | | | | | | | | | | | | | |
| Aluminum | BRL | 0.010 | <0.010 | <0.010 | NC | 96.7 | | | 98.2 | | | 75 - 125 | 20 |
| Antimony | BRL | 0.005 | 0.006 | <0.005 | NC | 102 | | | 101 | | | 75 - 125 | 20 |
| Arsenic | BRL | 0.004 | <0.004 | <0.004 | NC | 95.8 | | | 96.3 | | | 75 - 125 | 20 |
| Barium | BRL | 0.002 | 0.240 | 0.246 | 2.50 | 100 | | | 101 | | | 75 - 125 | 20 |
| Beryllium | BRL | 0.001 | <0.001 | <0.001 | NC | 103 | | | 102 | | | 75 - 125 | 20 |
| Cadmium | BRL | 0.001 | <0.001 | <0.001 | NC | 97.7 | | | 96.3 | | | 75 - 125 | 20 |
| Calcium | BRL | 0.010 | 83.2 | 85.4 | 2.60 | 99.2 | | | NC | | | 75 - 125 | 20 |
| Chromium | BRL | 0.001 | <0.001 | <0.001 | NC | 99.3 | | | 98.9 | | | 75 - 125 | 20 |
| Cobalt | BRL | 0.002 | 0.009 | 0.010 | NC | 99.7 | | | 99.5 | | | 75 - 125 | 20 |
| Copper | BRL | 0.005 | <0.005 | <0.005 | NC | 96.9 | | | 99.9 | | | 75 - 125 | 20 |
| Iron | BRL | 0.010 | 0.419 | 0.438 | 4.40 | 101 | | | 101 | | | 75 - 125 | 20 |
| Lead | BRL | 0.002 | <0.002 | <0.002 | NC | 98.3 | | | 99.5 | | | 75 - 125 | 20 |
| Magnesium | BRL | 0.010 | 16.0 | 16.5 | 3.10 | 99.6 | | | NC | | | 75 - 125 | 20 |
| Manganese | BRL | 0.001 | 8.27 | 8.68 | 4.80 | 99.7 | | | NC | | | 75 - 125 | 20 |
| Nickel | BRL | 0.001 | 0.008 | 0.008 | 0 | 98.1 | | | 97.7 | | | 75 - 125 | 20 |

# QA/QC Data

SDG I.D.: GBX22672

| Parameter | Blank | Blk RL | Sample Result | Dup Result | Dup RPD | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Potassium | BRL | 0.1 | 9.2 | 9.5 | 3.20 | 100 | | | 115 | | | 75 - 125 | 20 | |
| Selenium | BRL | 0.010 | <0.010 | <0.010 | NC | 95.3 | | | 95.4 | | | 75 - 125 | 20 | |
| Silver | BRL | 0.001 | <0.001 | <0.001 | NC | 95.6 | | | 97.7 | | | 75 - 125 | 20 | |
| Sodium | BRL | 0.10 | 8.19 | 8.53 | 4.10 | 103 | | | NC | | | 75 - 125 | 20 | |
| Vanadium | BRL | 0.002 | <0.002 | <0.002 | NC | 97.4 | | | 97.5 | | | 75 - 125 | 20 | |
| Zinc | BRL | 0.002 | 0.012 | 0.018 | 40.0 | 95.7 | | | 96.5 | | | 75 - 125 | 20 | r |
| QA/QC Batch 373242 (mg/L), QC Sample No: BX23234 (BX22672, BX22673, BX22674, BX22675) | | | | | | | | | | | | | | |
| Mercury - Water | BRL | 0.0002 | <0.0002 | <0.0002 | NC | 88.0 | | | 81.4 | | | 70 - 130 | 20 | |

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

r = This parameter is outside laboratory RPD specified recovery limits.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# QA/QC Report

January 24, 2017

## QA/QC Data

SDG I.D.: GBX22672

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 372660 (ug/L), QC Sample No: BX19124 (BX22672, BX22673, BX22674, BX22675) | | | | | | | | | | | |
| **Pesticides - Ground Water** | | | | | | | | | | | |
| 4,4' -DDD | ND | 0.003 | 86 | 81 | 6.0 | | | | 40 - 140 | 20 | |
| 4,4' -DDE | ND | 0.003 | 74 | 72 | 2.7 | | | | 40 - 140 | 20 | |
| 4,4' -DDT | ND | 0.003 | 82 | 77 | 6.3 | | | | 40 - 140 | 20 | |
| a-BHC | ND | 0.002 | 70 | 71 | 1.4 | | | | 40 - 140 | 20 | |
| Alachlor | ND | 0.005 | NA | NA | NC | | | | 40 - 140 | 20 | |
| Aldrin | ND | 0.002 | 63 | 67 | 6.2 | | | | 40 - 140 | 20 | |
| b-BHC | ND | 0.002 | 82 | 79 | 3.7 | | | | 40 - 140 | 20 | |
| Chlordane | ND | 0.050 | 72 | 66 | 8.7 | | | | 40 - 140 | 20 | |
| d-BHC | ND | 0.005 | 45 | 57 | 23.5 | | | | 40 - 140 | 20 | r |
| Dieldrin | ND | 0.002 | 84 | 79 | 6.1 | | | | 40 - 140 | 20 | |
| Endosulfan I | ND | 0.005 | 85 | 81 | 4.8 | | | | 40 - 140 | 20 | |
| Endosulfan II | ND | 0.005 | 84 | 79 | 6.1 | | | | 40 - 140 | 20 | |
| Endosulfan sulfate | ND | 0.005 | 66 | 62 | 6.3 | | | | 40 - 140 | 20 | |
| Endrin | ND | 0.005 | 85 | 80 | 6.1 | | | | 40 - 140 | 20 | |
| Endrin aldehyde | ND | 0.005 | 78 | 70 | 10.8 | | | | 40 - 140 | 20 | |
| Endrin ketone | ND | 0.005 | 80 | 75 | 6.5 | | | | 40 - 140 | 20 | |
| g-BHC | ND | 0.002 | 77 | 76 | 1.3 | | | | 40 - 140 | 20 | |
| Heptachlor | ND | 0.005 | 93 | 102 | 9.2 | | | | 40 - 140 | 20 | |
| Heptachlor epoxide | ND | 0.005 | 79 | 77 | 2.6 | | | | 40 - 140 | 20 | |
| Methoxychlor | ND | 0.005 | 88 | 82 | 7.1 | | | | 40 - 140 | 20 | |
| Toxaphene | ND | 0.20 | NA | NA | NC | | | | 40 - 140 | 20 | |
| % DCBP | 83 | % | 86 | 80 | 7.2 | | | | 30 - 150 | 20 | |
| % TCMX | 68 | % | 75 | 78 | 3.9 | | | | 30 - 150 | 20 | |

Comment:

A LCS and LCS duplicate were performed instead of a MS and MSD. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS and LCSD

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 372975 (ug/L), QC Sample No: BX22553 (BX22672, BX22673, BX22674, BX22675) | | | | | | | | | | | |
| **Polychlorinated Biphenyls - Ground Water** | | | | | | | | | | | |
| PCB-1016 | ND | 0.050 | 82 | 82 | 0.0 | | | | 40 - 140 | 20 | |
| PCB-1221 | ND | 0.050 | | | | | | | 40 - 140 | 20 | |
| PCB-1232 | ND | 0.050 | | | | | | | 40 - 140 | 20 | |
| PCB-1242 | ND | 0.050 | | | | | | | 40 - 140 | 20 | |
| PCB-1248 | ND | 0.050 | | | | | | | 40 - 140 | 20 | |
| PCB-1254 | ND | 0.050 | | | | | | | 40 - 140 | 20 | |
| PCB-1260 | ND | 0.050 | 89 | 106 | 17.4 | | | | 40 - 140 | 20 | |
| PCB-1262 | ND | 0.050 | | | | | | | 40 - 140 | 20 | |
| PCB-1268 | ND | 0.050 | | | | | | | 40 - 140 | 20 | |
| % DCBP (Surrogate Rec) | 90 | % | 89 | 130 | 37.4 | | | | 30 - 150 | 20 | r |
| % TCMX (Surrogate Rec) | 93 | % | 97 | 105 | 7.9 | | | | 30 - 150 | 20 | |

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

# QA/QC Data

SDG I.D.: GBX22672

QA/QC Batch 373144 (ug/L), QC Sample No: BX22566 (BX22672, BX22673, BX22674, BX22675, BX22838)

## Volatiles - Ground Water

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | 109 | 110 | 0.9 | | | | 70 - 130 | 30 |
| 1,1,1-Trichloroethane | ND | 1.0 | 116 | 115 | 0.9 | | | | 70 - 130 | 30 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 98 | 103 | 5.0 | | | | 70 - 130 | 30 |
| 1,1,2-Trichloroethane | ND | 1.0 | 94 | 97 | 3.1 | | | | 70 - 130 | 30 |
| 1,1-Dichloroethane | ND | 1.0 | 107 | 106 | 0.9 | | | | 70 - 130 | 30 |
| 1,1-Dichloroethene | ND | 1.0 | 105 | 104 | 1.0 | | | | 70 - 130 | 30 |
| 1,1-Dichloropropene | ND | 1.0 | 106 | 106 | 0.0 | | | | 70 - 130 | 30 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | 115 | 115 | 0.0 | | | | 70 - 130 | 30 |
| 1,2,3-Trichloropropane | ND | 1.0 | 106 | 107 | 0.9 | | | | 70 - 130 | 30 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 109 | 108 | 0.9 | | | | 70 - 130 | 30 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 99 | 99 | 0.0 | | | | 70 - 130 | 30 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | 117 | 114 | 2.6 | | | | 70 - 130 | 30 |
| 1,2-Dibromoethane | ND | 1.0 | 103 | 105 | 1.9 | | | | 70 - 130 | 30 |
| 1,2-Dichlorobenzene | ND | 1.0 | 98 | 100 | 2.0 | | | | 70 - 130 | 30 |
| 1,2-Dichloroethane | ND | 1.0 | 113 | 113 | 0.0 | | | | 70 - 130 | 30 |
| 1,2-Dichloropropane | ND | 1.0 | 94 | 97 | 3.1 | | | | 70 - 130 | 30 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 103 | 101 | 2.0 | | | | 70 - 130 | 30 |
| 1,3-Dichlorobenzene | ND | 1.0 | 98 | 97 | 1.0 | | | | 70 - 130 | 30 |
| 1,3-Dichloropropane | ND | 1.0 | 102 | 103 | 1.0 | | | | 70 - 130 | 30 |
| 1,4-Dichlorobenzene | ND | 1.0 | 97 | 97 | 0.0 | | | | 70 - 130 | 30 |
| 2,2-Dichloropropane | ND | 1.0 | 128 | 125 | 2.4 | | | | 70 - 130 | 30 |
| 2-Chlorotoluene | ND | 1.0 | 101 | 100 | 1.0 | | | | 70 - 130 | 30 |
| 2-Hexanone | ND | 5.0 | 93 | 100 | 7.3 | | | | 70 - 130 | 30 |
| 2-Isopropyltoluene | ND | 1.0 | 101 | 100 | 1.0 | | | | 70 - 130 | 30 |
| 4-Chlorotoluene | ND | 1.0 | 95 | 95 | 0.0 | | | | 70 - 130 | 30 |
| 4-Methyl-2-pentanone | ND | 5.0 | 97 | 102 | 5.0 | | | | 70 - 130 | 30 |
| Acetone | ND | 5.0 | 90 | 91 | 1.1 | | | | 70 - 130 | 30 |
| Acrylonitrile | ND | 5.0 | 88 | 98 | 10.8 | | | | 70 - 130 | 30 |
| Benzene | ND | 0.70 | 97 | 98 | 1.0 | | | | 70 - 130 | 30 |
| Bromobenzene | ND | 1.0 | 96 | 97 | 1.0 | | | | 70 - 130 | 30 |
| Bromochloromethane | ND | 1.0 | 95 | 99 | 4.1 | | | | 70 - 130 | 30 |
| Bromodichloromethane | ND | 0.50 | 109 | 107 | 1.9 | | | | 70 - 130 | 30 |
| Bromoform | ND | 1.0 | 107 | 111 | 3.7 | | | | 70 - 130 | 30 |
| Bromomethane | ND | 1.0 | 93 | 105 | 12.1 | | | | 70 - 130 | 30 |
| Carbon Disulfide | ND | 1.0 | 106 | 104 | 1.9 | | | | 70 - 130 | 30 |
| Carbon tetrachloride | ND | 1.0 | 124 | 120 | 3.3 | | | | 70 - 130 | 30 |
| Chlorobenzene | ND | 1.0 | 98 | 99 | 1.0 | | | | 70 - 130 | 30 |
| Chloroethane | ND | 1.0 | 109 | 110 | 0.9 | | | | 70 - 130 | 30 |
| Chloroform | ND | 1.0 | 108 | 106 | 1.9 | | | | 70 - 130 | 30 |
| Chloromethane | ND | 1.0 | 103 | 101 | 2.0 | | | | 70 - 130 | 30 |
| cis-1,2-Dichloroethene | ND | 1.0 | 98 | 94 | 4.2 | | | | 70 - 130 | 30 |
| cis-1,3-Dichloropropene | ND | 0.40 | 99 | 102 | 3.0 | | | | 70 - 130 | 30 |
| Dibromochloromethane | ND | 0.50 | 114 | 114 | 0.0 | | | | 70 - 130 | 30 |
| Dibromomethane | ND | 1.0 | 99 | 102 | 3.0 | | | | 70 - 130 | 30 |
| Dichlorodifluoromethane | ND | 1.0 | 117 | 115 | 1.7 | | | | 70 - 130 | 30 |
| Ethylbenzene | ND | 1.0 | 103 | 103 | 0.0 | | | | 70 - 130 | 30 |
| Hexachlorobutadiene | ND | 0.40 | 108 | 107 | 0.9 | | | | 70 - 130 | 30 |
| Isopropylbenzene | ND | 1.0 | 100 | 100 | 0.0 | | | | 70 - 130 | 30 |
| m&p-Xylene | ND | 1.0 | 101 | 101 | 0.0 | | | | 70 - 130 | 30 |
| Methyl ethyl ketone | ND | 5.0 | 96 | 108 | 11.8 | | | | 70 - 130 | 30 |

# QA/QC Data

SDG I.D.: GBX22672

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Methyl t-butyl ether (MTBE) | ND | 1.0 | 101 | 104 | 2.9 | | | | 70 - 130 | 30 |
| Methylene chloride | ND | 1.0 | 98 | 94 | 4.2 | | | | 70 - 130 | 30 |
| Naphthalene | ND | 1.0 | 110 | 114 | 3.6 | | | | 70 - 130 | 30 |
| n-Butylbenzene | ND | 1.0 | 105 | 103 | 1.9 | | | | 70 - 130 | 30 |
| n-Propylbenzene | ND | 1.0 | 99 | 98 | 1.0 | | | | 70 - 130 | 30 |
| o-Xylene | ND | 1.0 | 99 | 99 | 0.0 | | | | 70 - 130 | 30 |
| p-Isopropyltoluene | ND | 1.0 | 102 | 100 | 2.0 | | | | 70 - 130 | 30 |
| sec-Butylbenzene | ND | 1.0 | 108 | 106 | 1.9 | | | | 70 - 130 | 30 |
| Styrene | ND | 1.0 | 97 | 97 | 0.0 | | | | 70 - 130 | 30 |
| tert-Butylbenzene | ND | 1.0 | 104 | 103 | 1.0 | | | | 70 - 130 | 30 |
| Tetrachloroethene | ND | 1.0 | 101 | 103 | 2.0 | | | | 70 - 130 | 30 |
| Tetrahydrofuran (THF) | ND | 2.5 | 93 | 106 | 13.1 | | | | 70 - 130 | 30 |
| Toluene | ND | 1.0 | 96 | 96 | 0.0 | | | | 70 - 130 | 30 |
| trans-1,2-Dichloroethene | ND | 1.0 | 104 | 101 | 2.9 | | | | 70 - 130 | 30 |
| trans-1,3-Dichloropropene | ND | 0.40 | 104 | 107 | 2.8 | | | | 70 - 130 | 30 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | 102 | 106 | 3.8 | | | | 70 - 130 | 30 |
| Trichloroethene | ND | 1.0 | 103 | 102 | 1.0 | | | | 70 - 130 | 30 |
| Trichlorofluoromethane | ND | 1.0 | 114 | 113 | 0.9 | | | | 70 - 130 | 30 |
| Trichlorotrifluoroethane | ND | 1.0 | 99 | 96 | 3.1 | | | | 70 - 130 | 30 |
| Vinyl chloride | ND | 1.0 | 106 | 107 | 0.9 | | | | 70 - 130 | 30 |
| % 1,2-dichlorobenzene-d4 | 107 | % | 107 | 106 | 0.9 | | | | 70 - 130 | 30 |
| % Bromofluorobenzene | 103 | % | 108 | 107 | 0.9 | | | | 70 - 130 | 30 |
| % Dibromofluoromethane | 100 | % | 105 | 102 | 2.9 | | | | 70 - 130 | 30 |
| % Toluene-d8 | 105 | % | 103 | 103 | 0.0 | | | | 70 - 130 | 30 |

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 372940 (ug/L), QC Sample No: BX23189 (BX22672, BX22673, BX22674, BX22675)

## Semivolatiles (SIM) - Ground Water

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | ND | 0.50 | 67 | 61 | 9.4 | | | | 30 - 130 | 20 |
| 2-Methylnaphthalene | ND | 0.02 | 69 | 65 | 6.0 | | | | 30 - 130 | 20 |
| Acenaphthene | ND | 0.02 | 80 | 75 | 6.5 | | | | 30 - 130 | 20 |
| Acenaphthylene | ND | 0.02 | 78 | 70 | 10.8 | | | | 30 - 130 | 20 |
| Anthracene | ND | 0.02 | 86 | 78 | 9.8 | | | | 30 - 130 | 20 |
| Benz(a)anthracene | ND | 0.02 | 80 | 74 | 7.8 | | | | 30 - 130 | 20 |
| Benzo(a)pyrene | ND | 0.02 | 70 | 65 | 7.4 | | | | 30 - 130 | 20 |
| Benzo(b)fluoranthene | ND | 0.02 | 76 | 73 | 4.0 | | | | 30 - 130 | 20 |
| Benzo(ghi)perylene | ND | 0.02 | 76 | 68 | 11.1 | | | | 30 - 130 | 20 |
| Benzo(k)fluoranthene | ND | 0.02 | 78 | 71 | 9.4 | | | | 30 - 130 | 20 |
| Bis(2-ethylhexyl)phthalate | ND | 0.10 | 89 | 83 | 7.0 | | | | 30 - 130 | 20 |
| Chrysene | ND | 0.02 | 83 | 77 | 7.5 | | | | 30 - 130 | 20 |
| Dibenz(a,h)anthracene | ND | 0.01 | 75 | 66 | 12.8 | | | | 30 - 130 | 20 |
| Fluoranthene | ND | 0.02 | 85 | 77 | 9.9 | | | | 30 - 130 | 20 |
| Fluorene | ND | 0.02 | 82 | 74 | 10.3 | | | | 30 - 130 | 20 |
| Hexachlorobenzene | ND | 0.02 | 87 | 81 | 7.1 | | | | 30 - 130 | 20 |
| Hexachlorobutadiene | ND | 0.05 | 59 | 56 | 5.2 | | | | 30 - 130 | 20 |
| Hexachloroethane | ND | 0.05 | 50 | 43 | 15.1 | | | | 30 - 130 | 20 |
| Indeno(1,2,3-cd)pyrene | ND | 0.02 | 74 | 66 | 11.4 | | | | 30 - 130 | 20 |
| Naphthalene | ND | 0.02 | 62 | 59 | 5.0 | | | | 30 - 130 | 20 |
| Nitrobenzene | ND | 0.05 | 63 | 60 | 4.9 | | | | 30 - 130 | 20 |
| N-Nitrosodimethylamine | ND | 0.05 | 59 | 58 | 1.7 | | | | 30 - 130 | 20 |
| Pentachloronitrobenzene | ND | 0.10 | 90 | 79 | 13.0 | | | | 30 - 130 | 20 |
| Pentachlorophenol | ND | 0.20 | 82 | 72 | 13.0 | | | | 30 - 130 | 20 |

# QA/QC Data

SDG I.D.: GBX22672

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Phenanthrene | ND | 0.02 | 82 | 75 | 8.9 | | | | 30 - 130 | 20 | |
| Pyrene | ND | 0.02 | 86 | 79 | 8.5 | | | | 30 - 130 | 20 | |
| Pyridine | ND | 0.50 | 46 | 44 | 4.4 | | | | 30 - 130 | 20 | |
| % 2,4,6-Tribromophenol | 88 | % | 82 | 72 | 13.0 | | | | 15 - 110 | 20 | |
| % 2-Fluorobiphenyl | 87 | % | 74 | 69 | 7.0 | | | | 30 - 130 | 20 | |
| % 2-Fluorophenol | 75 | % | 44 | 41 | 7.1 | | | | 15 - 110 | 20 | |
| % Nitrobenzene-d5 | 89 | % | 59 | 53 | 10.7 | | | | 30 - 130 | 20 | |
| % Phenol-d5 | 79 | % | 50 | 47 | 6.2 | | | | 15 - 110 | 20 | |
| % Terphenyl-d14 | 99 | % | 82 | 75 | 8.9 | | | | 30 - 130 | 20 | |

Comment:

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 372940 (ug/L), QC Sample No: BX23189 (BX22672, BX22673, BX22674, BX22675)

## Semivolatiles - Ground Water

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | 3.5 | 61 | 58 | 5.0 | | | | 30 - 130 | 20 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 56 | 51 | 9.3 | | | | 30 - 130 | 20 | |
| 1,2-Diphenylhydrazine | ND | 1.6 | 72 | 68 | 5.7 | | | | 30 - 130 | 20 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 54 | 50 | 7.7 | | | | 30 - 130 | 20 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 55 | 50 | 9.5 | | | | 30 - 130 | 20 | |
| 2,4,5-Trichlorophenol | ND | 1.0 | 74 | 72 | 2.7 | | | | 30 - 130 | 20 | |
| 2,4,6-Trichlorophenol | ND | 1.0 | 73 | 70 | 4.2 | | | | 30 - 130 | 20 | |
| 2,4-Dichlorophenol | ND | 1.0 | 67 | 66 | 1.5 | | | | 30 - 130 | 20 | |
| 2,4-Dimethylphenol | ND | 1.0 | 64 | 59 | 8.1 | | | | 30 - 130 | 20 | |
| 2,4-Dinitrophenol | ND | 1.0 | 58 | 63 | 8.3 | | | | 30 - 130 | 20 | |
| 2,4-Dinitrotoluene | ND | 3.5 | 75 | 72 | 4.1 | | | | 30 - 130 | 20 | |
| 2,6-Dinitrotoluene | ND | 3.5 | 78 | 74 | 5.3 | | | | 30 - 130 | 20 | |
| 2-Chloronaphthalene | ND | 3.5 | 72 | 66 | 8.7 | | | | 30 - 130 | 20 | |
| 2-Chlorophenol | ND | 1.0 | 54 | 53 | 1.9 | | | | 30 - 130 | 20 | |
| 2-Methylphenol (o-cresol) | ND | 1.0 | 61 | 58 | 5.0 | | | | 30 - 130 | 20 | |
| 2-Nitroaniline | ND | 3.5 | 71 | 70 | 1.4 | | | | 30 - 130 | 20 | |
| 2-Nitrophenol | ND | 1.0 | 59 | 58 | 1.7 | | | | 30 - 130 | 20 | |
| 3&4-Methylphenol (m&p-cresol) | ND | 1.0 | 68 | 65 | 4.5 | | | | 30 - 130 | 20 | |
| 3,3'-Dichlorobenzidine | ND | 5.0 | 58 | 55 | 5.3 | | | | 30 - 130 | 20 | |
| 3-Nitroaniline | ND | 5.0 | 74 | 69 | 7.0 | | | | 30 - 130 | 20 | |
| 4,6-Dinitro-2-methylphenol | ND | 1.0 | 65 | 68 | 4.5 | | | | 30 - 130 | 20 | |
| 4-Bromophenyl phenyl ether | ND | 3.5 | 79 | 73 | 7.9 | | | | 30 - 130 | 20 | |
| 4-Chloro-3-methylphenol | ND | 1.0 | 72 | 70 | 2.8 | | | | 30 - 130 | 20 | |
| 4-Chloroaniline | ND | 3.5 | 65 | 59 | 9.7 | | | | 30 - 130 | 20 | |
| 4-Chlorophenyl phenyl ether | ND | 1.0 | 77 | 72 | 6.7 | | | | 30 - 130 | 20 | |
| 4-Nitroaniline | ND | 5.0 | 74 | 69 | 7.0 | | | | 30 - 130 | 20 | |
| 4-Nitrophenol | ND | 1.0 | 66 | 66 | 0.0 | | | | 15 - 130 | 20 | |
| Acetophenone | ND | 3.5 | 63 | 59 | 6.6 | | | | 30 - 130 | 20 | |
| Aniline | ND | 3.5 | 56 | 53 | 5.5 | | | | 30 - 130 | 20 | |
| Benzidine | ND | 4.5 | 49 | 72 | 38.0 | | | | 30 - 130 | 20 | r |
| Benzoic acid | ND | 10 | 54 | 58 | 7.1 | | | | 30 - 130 | 20 | |
| Benzyl butyl phthalate | ND | 1.5 | 77 | 72 | 6.7 | | | | 30 - 130 | 20 | |
| Bis(2-chloroethoxy)methane | ND | 3.5 | 69 | 65 | 6.0 | | | | 30 - 130 | 20 | |
| Bis(2-chloroethyl)ether | ND | 1.0 | 52 | 46 | 12.2 | | | | 30 - 130 | 20 | |
| Bis(2-chloroisopropyl)ether | ND | 1.0 | 49 | 45 | 8.5 | | | | 30 - 130 | 20 | |
| Carbazole | ND | 5.0 | 74 | 70 | 5.6 | | | | 30 - 130 | 20 | |
| Dibenzofuran | ND | 3.5 | 73 | 67 | 8.6 | | | | 30 - 130 | 20 | |
| Diethyl phthalate | ND | 1.5 | 75 | 71 | 5.5 | | | | 30 - 130 | 20 | |

# QA/QC Data

SDG I.D.: GBX22672

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Dimethylphthalate | ND | 1.5 | 76 | 71 | 6.8 | | | | 30 - 130 | 20 |
| Di-n-butylphthalate | ND | 1.5 | 76 | 73 | 4.0 | | | | 30 - 130 | 20 |
| Di-n-octylphthalate | ND | 1.5 | 79 | 72 | 9.3 | | | | 30 - 130 | 20 |
| Hexachlorocyclopentadiene | ND | 3.5 | 31 | 30 | 3.3 | | | | 30 - 130 | 20 |
| Isophorone | ND | 3.5 | 65 | 63 | 3.1 | | | | 30 - 130 | 20 |
| N-Nitrosodi-n-propylamine | ND | 3.5 | 66 | 65 | 1.5 | | | | 30 - 130 | 20 |
| N-Nitrosodiphenylamine | ND | 3.5 | 77 | 73 | 5.3 | | | | 30 - 130 | 20 |
| Phenol | ND | 1.0 | 50 | 50 | 0.0 | | | | 15 - 130 | 20 |
| % 2,4,6-Tribromophenol | 76 | % | 69 | 64 | 7.5 | | | | 15 - 110 | 20 |
| % 2-Fluorobiphenyl | 77 | % | 69 | 63 | 9.1 | | | | 30 - 130 | 20 |
| % 2-Fluorophenol | 53 | % | 43 | 41 | 4.8 | | | | 15 - 110 | 20 |
| % Nitrobenzene-d5 | 74 | % | 60 | 55 | 8.7 | | | | 30 - 130 | 20 |
| % Phenol-d5 | 60 | % | 50 | 50 | 0.0 | | | | 15 - 110 | 20 |
| % Terphenyl-d14 | 88 | % | 72 | 69 | 4.3 | | | | 30 - 130 | 20 |

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
January 24, 2017

Tuesday, January 24, 2017

Criteria: None

State: NY

# Sample Criteria Exceedances Report

## GBX22672 - GALLI-ENG

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|---|---|---|---|---|---|---|---|---|

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

**Environmental Laboratories, Inc.**
**587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045**
**Tel. (860) 645-1102 Fax (860) 645-0823**

# NY Temperature Narration

**January 24, 2017**

**SDG I.D.: GBX22672**

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]

# PHOENIX
Environmental Laboratories, Inc.

## NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
**Client Services (860) 645-8726**

Temp 4 °C Pg 1 of 1

**Contact Options:**
[ ] Fax:
[ ] Phone:
[X] Email: sdavidow@galliengrcom

Customer: Galli Engineering
Address: 35 Pinelawn Rd Ste 207E
Melville, NY 11747

Project: Silver Star NY - Farmingdale
Report to: Scott Davidow
Invoice to: Luis Lasanta

Project P.O:

***This section MUST be completed with Bottle Quantities.***

Sampler's Signature: [signature] Date: 1/12/17

**Matrix Code:**
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

| PHOENIX USE ONLY SAMPLE # | Client Sample - Information - Identification: Customer Sample Identification | Sample Matrix | Date Sampled | Time Sampled | VOC 8260 | SVOC 8270 | pesticides | PCBs | TAL metals | Soil VOA Vials [ ] methanol [ ] H2O | GL Soil container ( ) oz | GL Soil container ( ) oz | 40 ml VOA Vial [ ] As is [ ] HCl | GL Amber 1000ml [ ] As is [ ] H2SO4 | PL As is [ ] 1250ml [ ] 1500ml [ ] 1000ml | PL H2SO4 [ ] 1250ml [ ] 1250ml [ ] 1500ml | PL HNO3 250ml | PL NaOH 250ml | Baderia Bottle |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22672 | MW-1 | GW | 1/12 | | X | X | X | X | X | | | | | 3 | 4 | | | 1 | |
| 22673 | MW-3 | GW | 1/12 | | X | X | X | X | X | | | | | 3 | 4 | | | 1 | |
| 22674 | MW-4 | GW | 1/12 | | X | X | X | X | X | | | | | 3 | 4 | | | 1 | |
| 22675 | MW-5 | GW | 1/12 | | X | X | X | X | X | | | | | 3 | 4 | | | 1 | |
| * 22838 | TB | | | | | | | | | | | | | | | | | | |

| Relinquished by: | Accepted by: | Date: | Time: |
|---|---|---|---|
| [signature] | [signature] | 1-13-17 | 10:00 |
| | TFrom | 1-13-17 | 15:00 |

**Comments, Special Requirements or Regulations:**

No MW-2 sample, well was damaged.
*1 VOA TB VOAS TP

**Turnaround:**
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[X] 10 Days
[ ] Other
* SURCHARGE APPLIES

**NJ**
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

**NY**
[ ] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

**Data Format**
[ ] Phoenix Std Report
[ ] Excel
[X] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

**Data Package**
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY

# Appendix C

# Soil Boring Logs

| Soil Boring Logs<br>411 Eastern Parkway, Farmingdale NY | |
|---|---|
| **Sample Description** | **Sample Interval (Ft.)** |
| **SB-1** | |
| 0’- 5’ dark brown sand, brown clay, light brown sand | 0-5<br>PID 0 ppm |
| 5’-10’ light brown sand, light brown clay, light brown sand | 5-10<br>PID 0 ppm |
| **SB-2** | |
| 0’-5’ Dark brown sand, brown sand, red tint sand. | 0-5<br>PID 0 ppm |
| 5’-10’ red tint sand, light brown sand | 5-10<br>PID 0 ppm |
| **SB-3** | |
| 0’-5’ Dark brown sand, brown sand, brown clay | 0-5<br>PID 0 ppm |
| 5’-10’ grey clay, brown sand | 5-10<br>PID 0 ppm |
| **SB-4** | |
| 0’-5’ asphalt, brown sand, brown sand, grey clay | 0-5<br>PID 0 ppm |
| 5’-10’ red tint sand, light brown sand | 5-10<br>PID 0 ppm |
| **SB-5** | |
| 0’-5’ asphalt, dark grey wet sand, brown wet sand | 0-5<br>PID 0 ppm |
| 5’-10’ wet grey clay, brown sand | 5-10<br>PID 0 ppm |

| Soil Boring Logs<br>411 Eastern Parkway, Farmingdale NY | |
|---|---|
| **Sample Description** | **Sample Interval (Ft.)** |
| **SB-6** | |
| 0’-5’ asphalt, dark brown sand, dark grey clay, brown sand<br>~2.5’ grey rock pieces | 0-5<br>PID 0 ppm |
| 5’-10’ brown sand | 5-10<br>PID 0 ppm |
| **SB-7** | |
| 0’-5’ concrete, brown dirt, concrete | 0-5<br>PID 0 ppm |
| 5’-10’ concrete, brown sand | 5-10<br>PID 0 ppm |
| **SB-8** | |
| 0’-5’ concrete, brown rock, wet brown clay, brown sand | 0-5<br>PID 0 ppm |
| 5’-10’ brown sand | 5-10<br>PID 0 ppm |
| **SB-9** | |
| 0’-5’ brown sand | 0-5<br>PID 0 ppm |
| 5’-10’ brown sand | 5-10<br>PID 0 ppm |
| **SB-10** | |
| 0’-5’ asphalt, brown sand, light brown sand | 0-5<br>PID 0 ppm |
| 5’-10’ brown sand, light brown sand | 5-10<br>PID 0 ppm |