SHALLOW SOIL SAMPLING REPORT
OPERABLE UNITS 1 AND 2

VILLAGE OF ENDICOTT / TOWN OF UNION
BROOME COUNTY, NEW YORK

Order on Consent Index #A7-0502-0104
Site #704014

Prepared for:

IBM Corporate Environmental Affairs
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July 19, 2021

Prepared by:

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Professional Geologist Certification
Shallow Soil Sampling Report
Operable Units 1 and 2
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July 19, 2021

As the person with primary responsibility for the performance of the geological services and activities associated with the captioned work plan, I certify that I have reviewed the document entitled *"Shallow Soil Sampling Report, Operable Units 1 and 2"* prepared pursuant to the March 2019 Record of Decision for Operable Units Number 1 and 2 of the Former IBM Endicott Facility and with Order on Consent Index #A7-0502-0104, Site #704014. This report is dated July 19, 2021 and was prepared by Groundwater Sciences Corporation and Groundwater Sciences, P.C. for IBM Corporation.

As a professional geologist in the State of New York, I certify that this work plan has been prepared under my direct supervision. To the best of my knowledge, the information contained in this work plan is complete and accurate.

This report bears the seal of a professional geologist. No alterations may be made to the information contained in this work plan unless made in accordance with Title 8, Article 145, Section 7209 of New York State Education Law.

Signature: Charles A. Rine Date: July 19, 2021

Name: Charles A. Rine

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1 INTRODUCTION

This report presents the findings of shallow soil sampling and analysis performed in Operable Unit #1: Railroad Corridor Source Area (OU#1), and Operable Unit #2: North Street Area (OU#2) at the former International Business Machines Corporation (IBM) Endicott Facility located in the Village of Endicott, Town of Union, Broome County, New York (hereinafter referred to as the "Site"). This report has been prepared by Groundwater Sciences Corporation (GSC) and Groundwater Sciences, P.C. (GSPC) at the request of IBM, pursuant to Order on Consent Index #A7-0502-0104 (Order), Site #704014, between the New York State Department of Environmental Conservation (NYSDEC) and IBM, executed on August 4, 2004.

The shallow soil sampling and analysis was performed by GSC and GSPC in general accordance with the *Shallow Soil Sampling Work Plan*[1], dated December 3, 2019 (hereinafter referred to as the "Work Plan"), and a letter from IBM to the NYSDEC dated March 4, 2020[2]. The scope of work described in the Work Plan and March 4, 2020 letter was conditionally approved by the NYSDEC and the New York State Department of Health (NYSDOH) in a letter dated November 5, 2020[3]. The conditional approval by NYSDEC and NYSDOH (hereinafter referred to as the "Departments") was subject to the inclusion of the following:

- Additional shallow soil sampling locations proposed by the Departments in a January 16, 2020 letter from NYSDEC to IBM; and

[1] Groundwater Sciences Corporation and Groundwater Sciences, P.C., December 3, 2019, *Shallow Soil Sampling Work Plan, Operable Units 1 and 2, Former IBM Endicott Facility, Village of Endicott, Town of Union, Broome County, New York, Order on Consent Index #A7-0502-0104, Site #704014*, prepared for IBM Corporate Environmental Affairs.

[2] Brandon Ashby, IBM, March 4, 2020, Letter to Ms. Jess LaClair of NYSDEC, Subject: Operable Unit 1 and 2 Shallow Soil Sampling Work Plan, Site Name: IBM – FORMER IBM ENDICOTT SITE, Site No: Order on Consent #a-0502-0104, Site #704014.

[3] Jessica LaClair, NYSDEC, November 5, 2020, Letter to Michael Kominek of IBM, Re: Operable Unit 1 and 2 Shallow Soil Sampling Work Plan, Former IBM Endicott Facility, Order on Consent Index #A7-0502-0104, Site #704014.

- Modification to "Section 2.2 Soil Sampling Probes" of the Work Plan as follows – "The second sample at each location must be from a depth of 2–12 inches below the vegetative cover (below the root zone) or below asphalt, concrete or gravel cover instead of a depth of 6 to 8 inches below the first sample."

1.1 Background Information

The Site, as defined in the Order and referenced in this report, includes the former IBM Endicott facility ("On-Site") owned by Huron, LLC (Huron) and certain "Off-Site" former or existing groundwater plume areas. In accordance with the Order, IBM performed source area evaluations, supplemental remedial investigations, focused feasibility studies, and interim remedial measures in seven operable units (OUs) and one Miscellaneous Activity (MA) area of the Site. The location of the Site is shown on **Figure 1-1**. The approximate locations of the seven OUs and one MA area are shown on **Figure 1-2**, with OUs #1 and #2 consisting of the red and orange shaded areas in the central portion of the Site.

After implementation of remedial measures and selection of final remedies, some contamination remains at the Site. The selected remedy to address the remaining contamination at the Site is described in Record of Decision documents (RODs) for each of the Site's OUs. A Site Management Plan[4] (SMP) has been prepared for the Site to support implementation of the selected remedy through the application of Institutional and Engineering Controls (ICs and ECs) designed to control exposure to remaining contamination and to protect public health and the environment. The selected remedy for OU#1 and OU#2 includes the following three elements: (1) enhanced groundwater extraction, (2) site cover, and (3) vapor intrusion mitigation.

[4] Groundwater Sciences Corporation, December 27, 2019, *Site Management Plan, Former IBM Endicott Facility, Village of Endicott, Town of Union, Broome County, New York, NYSDEC Site #704014, USEPA ID #NYD00233039,* prepared for IBM Corporation of Manassas, Virginia.

1.2 Purpose

In accordance with Section 3.3.1 of the SMP, exposure to any potential remaining contamination which may be present at the Site at depth is prevented by a cover system over the OU#1 and OU#2 portion of the Site. This cover system consists of a minimum of 12 inches of clean soil below vegetative cover, asphalt pavement, gravel, concrete-covered sidewalks, or concrete building slabs. As defined in the SMP, and to be conservative, this "Site Cover Area" extends beyond the limits of areas of historical chemical handling, storage, and apparent releases as determined by forty years of investigation and remedial measures of soil and groundwater at the Site.

As a result, the purpose of the shallow soil sampling in OUs #1 and #2 was to confirm that the existing one-foot-thick soil profile below the vegetative cover, asphalt, concrete, or gravel does not contain contaminants of concern in concentrations greater than the applicable NYSDEC Part 375.6-8(b) Soil Cleanup Objectives (SCOs) for industrial use, and as such, provides appropriate site cover from potential contamination that may be present in soil at greater depths.

2 DESCRIPTION OF WORK PERFORMED

This section describes the field activities that were performed as part of the shallow soil sampling. The sixty-seven (67) sampling probe locations, designated as SS-1 through SS-67, are shown on **Figure 2-1**. In accordance with the conditional approval of the Work Plan by the Departments, the sampling locations are generally consistent with the 67 shallow soil sampling locations proposed by the Departments in the January 16, 2020 letter from NYSDEC to IBM. The shallow soil sampling locations target exterior portions of OUs #1 and #2, at nodes of an orthogonal grid with cell dimensions of 150 feet by 150 feet that are aligned north-south with McKinley Avenue and east-west with Watson Boulevard. These sampling locations are supplemented by additional points in certain lawn areas along the perimeter of OUs #1 and #2. The number of samples, and the sampling locations, have been deemed to be representative of surficial soil in OUs #1 and #2 as a whole.

2.1 Utility Review

A review for the possible presence of subsurface utilities was performed for each of the proposed shallow soil sampling probe locations. The utility review activities included:

- Coordination with a Huron utility representative to review available subsurface utility drawings and to review the proposed sample probe locations in the field.

- Marking of the proposed sample locations with white spray paint, and submittal of a New York Dig Safely ticket to request that private utility companies mark the locations of their subsurface utilities identified to be in proximity to the proposed sample locations. Water, electric, sanitary and storm sewer, natural gas, and telecommunication companies responded to the New York Dig Safely ticket request.

- Performance of geophysical surveys to screen for the presence of subsurface utilities around the proposed soil sampling probes. The geophysical surveys were performed by Advanced Geological Services (AGS) of Malvern, Pennsylvania. The geophysical survey methods performed by AGS included: electrical resistivity, electromagnetic induction, and ground penetrating radar.

- Review of overhead utilities for possible interference with the mast of the drill rig.

Soil sampling locations were field adjusted based on the results of the utility review activities. Following the utility review and some field adjustments, sixty-five of the shallow soil sampling probes were located within 15 feet or less of the proposed sampling locations. The only exceptions were sample probes SS-17 and SS-51, which were moved greater than 15 feet due to possible subsurface utilities or difficulties with sample probe advancement. The location of sample probe SS-17 was adjusted by approximately 35 feet and the location of sample probe SS-51 was adjusted by approximately 20 feet.

2.2 Shallow Soil Sampling Probes

The shallow soil sampling probes were completed in OUs #1 and #2 from May 17 to May 19, 2021. Sixty-five of the sampling probes were advanced using hydraulically driven direct-push drilling techniques and a Geoprobe® Macrocore sampler with single-use disposable plastic tubes/liners. The remaining two sampling probes, designated as SS-39 and SS-40, were advanced by hand using stainless steel trowels due to the steep slope of the ground surface that did not allow for a stable and secure setup of the Geoprobe® drill rig. The general surface conditions of the 67 sampling probe locations are shown on a 2018 aerial photographic base map, provided as **Figure 2-2.** Photographs showing the surface conditions of the sample probe locations are provided in **Appendix A**.

The Geoprobe® Macrocore sampling probes were advanced by Odyssey Environmental Services, Inc. of Dauphin, Pennsylvania and were observed and logged by a GSC scientist. The two hand dug soil probes were advanced by the GSC scientist. The soil samples were collected using EnCore® samplers provided by the analytical laboratory. Two shallow soil samples were collected at each sampling probe location, as follows:

1. From a depth of 0 to 2 inches below vegetative cover (below the root zone) or below asphalt, concrete or gravel cover (samples collected from this depth include an “A” at the end of the sample designation); and

2. From a depth of 2 to 12 inches below the vegetative cover (below the root zone) or below asphalt, concrete or gravel cover (samples collected from this depth include a “B” at the end of the sample designation).

The soil samples collected were screened in the field for the presence of volatile organic compounds (VOCs) using a MiniRAE 3000 photoionization detector (PID), equipped with a 10.6 electron-volt (eV) lamp. The PID was calibrated at the beginning of each day using an isobutylene-in-air standard of 100 parts per million on a volumetric basis (ppmv) as a surrogate to trichloroethene (TCE).

2.3 Community Air Monitoring

Community air monitoring was performed during soil sampling activities in accordance with the Community Air Monitoring Plan (CAMP) included in the Work Plan. The air monitoring consisted of screening for the potential presence of VOCs in air using a MiniRAE 3000 PID, equipped with a 10.6 eV lamp, calibrated using a 100 ppmv isobutylene standard. The air monitoring consisted of PID screening of breathing zone air in an apparent upwind location at the beginning of each day, followed by screening of the breathing zone in the general area of each sampling location during advancement of the shallow soil sampling probes. The apparent "upwind" background air monitoring locations were generally west of the work areas planned for each day. As listed below, these upwind monitoring points varied depending on which areas of OU#1 and OU#2 were being sampled.

- May 17, 2021 – Intersection of Clark Street and Oak Hill Avenue
- May 18, 2021 – Intersection of Watson Boulevard and North McKinley Avenue
- May 19, 2021 – Northwest corner of parking lot west of Building 87 (northwest corner of OU#2)

Logs with the results of the community air monitoring are provided in **Appendix B**. As indicated on the logs, the PID air monitoring did not detect the presence of VOCs at any of the upwind locations and soil sampling locations.

2.4 Analytical Laboratory Analyses

The soil samples were placed in coolers with ice and transported via chain-of-custody protocols to Eurofins Lancaster Laboratories Environmental of Lancaster, Pennsylvania (Eurofins) where they

were analyzed for specific VOCs by SW-846 Method 8260D. The VOC analyte list consisted of the eleven VOCs listed as Contaminants of Concern (COCs) in the ROD for OUs #1 and #2. These VOCs include:

- 1,1,1-trichloroethane (TCA) and its three degradation products, 1,1-dichloroethane (11-DCA), 1,1-dichloroethene (11-DCE), and chloroethane;
- Tetrachloroethene (PCE) and its three degradation products, TCE, cis-1,2-dichloroethene (c12-DCE), and vinyl chloride;
- Freon 113 and its degradation product Freon 123a; and
- Dichloromethane, also referred to as methylene chloride.

The soil analytical results were reported by Eurofins in accordance with NYSDEC Analytical Services Protocol Category B deliverables. The acceptability and usability of the analytical laboratory data was evaluated according to the NYSDEC Division of Environmental Remediation (DER) Data Usability Summary Report (DUSR) guidelines. A DUSR was prepared by an independent third-party data validator, GHD of Windsor, Ontario. GHD's findings were incorporated into the VOC analysis results presented in this report and in the Electronic Data Deliverables (EDD) being sent to the NYSDEC separately.

2.5 Field Location and Elevation Survey

Following the completion of the soil sampling, the 67 shallow soil sampling locations were surveyed for horizontal coordinates (northings and eastings) and for ground surface elevations to the nearest tenth of a foot. The field survey services were performed by Butler Land Surveying of Little Meadows, Pennsylvania, a New York State licensed surveyor.

3 FINDINGS AND CONCLUSIONS

This section provides a summary of the findings of the shallow soil sampling and VOC analyses followed by a listing of the conclusions derived by the findings. Results of field measurements, PID screening, soil logging, and the sample location and ground surface elevation surveys are summarized in **Table 1**. Specific shallow soil sampling data and information in **Table 1** includes:

- The shallow soil sample designations ("ID").
- The date and time of the soil sampling.
- The shallow soil sampling horizontal location coordinates and ground surface elevation.
- The surficial conditions (grass, asphalt pavement, or gravel) and the thickness in feet of the surface cover (vegetative root zone, gravel, or asphalt with underlying gravel).
- The shallow soil sampling depth intervals in tenths of feet below ground surface (bgs).
- Results of PID field screening of the soil samples.
- Descriptions of the soil samples in accordance with the modified Burmister Classification System.

As summarized in **Table 1**, the surficial cover consisted of grassy lawn areas at 33 of the sampling locations, asphalt pavement at 32 of the sampling locations, and gravel at two of the sampling locations. The thickness of the vegetative root zone encountered in the grassy areas ranged from 0.2 to 0.6 feet, or about 3 to 7 inches. The thickness of asphalt pavement and underlying gravel base material encountered in paved areas ranged from 0.2 to 1.1 feet, or about 3 to 13 inches. The gravel encountered at the two locations without grass or pavement was 0.1 and 0.4 feet thick. Based on thicknesses of these surficial cover materials, the maximum soil sampling penetration depths ranged from 1.1 to 2.1 feet bgs.

Most of the soil encountered beneath the surficial cover consisted of soil fill materials, primarily consisting of gravel with lesser amounts of sand and trace amounts of silt. Glacial till, consisting of clayey silt with little gravel, was encountered at sampling location SS-05 in the northwest portion of

OU#1. Lesser amounts of clayey silt, likely consisting of reworked glacial till soils, were also identified in a few of the soil fill samples. Some of the soil fill encountered also included lesser or trace amounts of ash, slag, cinders, brick, glass, and wood.

As shown on **Table 1**, field screening using a PID indicated the apparent presence of VOCs in seven of the 134 soil samples collected. The PID screening values greater than one ppmv were only recorded when screening soil samples SS-05B and SS-17B, collected in the northwest portion of OU#1, and when screening soil samples SS-60B and SS-61B, collected in the northeast portion of OU#1.

Results of the VOC analyses are tabulated in **Table 2** and the analytical laboratory reports from Eurofins are provided in **Appendix C**. The data in **Table 2** includes data validation qualifiers from GHD's DUSR (see **Appendix D**). NYSDEC 6 NYCRR Part 375.6-8 unrestricted and industrial SCOs are also provided in the table for reference. The results of the soil analyses for eleven VOCs are presented in concentrations of milligrams per kilogram (mg/kg). Detected concentrations of VOCs are shown in bold while compounds not detected are signified by a "less than" symbol ("<") along with the value of the sample-specific analytical Reporting Limit. Detected concentrations with a "J" qualifier signify either (1) an estimated value greater than the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ) or (2) a value which has been qualified as estimated due to an underlying data validation issue. Non-detects with a "J" qualifier indicate that the limit of quantitation is estimated due to an underlying data validation issue reported on GHD's DUSR. As indicated in Table 5 of GHD's DUSR, the data validation resulted in rejection ("R" qualifier) of only two results out of 1,474 possible analytical records (PCE results for soil samples SS-32B and SS-53A).

As shown in **Table 2**, VOCs were not detected in 84 of the 134 samples collected and analyzed, including 43 of the samples collected from 0 to 2 inches, and 41 of the samples collected from 2 to 12 inches. Of the eleven COCs listed in the ROD for OUs #1 and #2, four COCs (chloroethane, vinyl chloride, Freon 113, and Freon 123a) were not detected in any of the soil samples. Where detected, concentrations of the remaining seven COCs were generally one to four orders of magnitude below applicable NYSDEC unrestricted SCOs and four to seven orders of magnitude below NYSDEC industrial SCOs. A summary of the detections for the each of the remaining seven COCs is provided below.

- TCE was detected in 31 of the 134 samples (23 percent) at concentrations ranging from 0.00054J to 0.052 mg/kg, about one to three orders of magnitude below NYSDEC's unrestricted SCO of 0.47 mg/kg. Fourteen of the TCE detections were in soil samples collected from 0 to 2 inches below the surficial cover and 17 of the TCE detections were in soil samples collected from 2 to 12 inches below surficial cover.

- Dichloromethane (methylene chloride) was detected in 15 of the 134 samples (11 percent) at concentrations ranging from 0.0028J to 0.046 mg/kg. Nine of the methylene chloride detections were in soil samples collected from 0 to 2 inches below the surficial cover and six of the methylene chloride detections were in soil samples collected from 2 to 12 inches below surficial cover.

- PCE was detected in 11 of the 132 samples (8 percent) at concentrations ranging from 0.00058J to 0.0044J mg/kg, about three to four orders of magnitude below NYSDEC's unrestricted SCO of 1.3 mg/kg. Two of the PCE detections were in soil samples collected from 0 to 2 inches below the surficial cover and nine of the PCE detections were in soil samples collected from 2 to 12 inches below surficial cover.

- TCA was detected in eight of the 134 samples (6 percent) at concentrations ranging from 0.00085J to 0.031 mg/kg, about one to three orders of magnitude below NYSDEC's unrestricted SCO of 0.68 mg/kg. Four of the TCA detections were in soil samples collected from 0 to 2 inches below the surficial cover and four of the TCA detections were in soil samples collected from 2 to 12 inches below surficial cover.

- 11-DCA was detected in four of the 134 samples (3 percent) at estimated concentrations ranging from 0.00059J to 0.0049J mg/kg, about two to three orders of magnitude below NYSDEC's unrestricted SCO of 0.27 mg/kg. One of the 11-DCA detections was in a soil sample collected from 0 to 2 inches below the surficial cover and three of the 11-DCA detections were in soil samples collected from 2 to 12 inches below surficial cover.

- 11-DCE was detected in one of the 134 samples (< 1 percent) at an estimated concentration of 0.0015J mg/kg, about two orders of magnitude below NYSDEC's unrestricted SCO of

0.33 mg/kg. The 11-DCE detection was in a soil sample collected from 2 to 12 inches below surficial cover.

- c12-DCE was detected in one of the 134 samples (< 1 percent) at an estimated concentration of 0.002J mg/kg, about two orders of magnitude below NYSDEC's unrestricted SCO of 0.25 mg/kg. The c12-DCE detection was in a soil sample collected from 2 to 12 inches below surficial cover.

In light of the findings described above, IBM, GSC and GSPC offer the following conclusions:

1. The cover system in exterior portions of OUs #1 and #2 primarily consists of grassy lawn areas or asphalt pavement areas with thicknesses ranging from a few inches to about one foot combined with one foot of underlying granular soil fill, primarily consisting of gravel, lesser amounts of sand, and trace amounts of silt.

2. The eleven VOCs listed as COCs in the ROD for OUs #1 and #2 are either absent from the one-foot-thick soil profile in exterior portions of OUs #1 and #2 or are present at concentrations one to four orders of magnitude below applicable NYSDEC 6NYCRR Part 375.6-8 unrestricted SCOs and four to seven orders of magnitude below applicable NYSDEC industrial SCOs.

3. The sampling results demonstrate there are no existing exposure pathways from surficial soil to potential receptors at the Site.

4. The existing cover system in OUs #1 and #2 serves as a suitable engineering control to protect public health and the environment from any potential contamination that may be present in soil at depth.

5. No further investigation of the cover system at the Site is warranted at this time.

6. The SMP will serve as the mechanism for determining whether additional investigations of soil or groundwater are warranted in the future at the Site.

Table 1 - Summary of Shallow Soil Sampling
Operable Units 1 and 2 Shallow Soil Sampling
Former IBM Endicott Facility, Endicott, New York

Sample ID	Date	Time	Northing	Easting	Ground Surface Elevation (amsl)	Surface Cover	Surface Cover Thickness (feet)	Sample Depth (fbgs)	PID Reading (ppmv)	Soil Description
SS-01A	5/17/2021	0800	768788.4	964924.1	852.4	Grass	0.2	0.2 - 0.4	0.0	Very dark gray (10YR 3/1) coarse to fine GRAVEL and fine Sand, trace Silt; dry; contains ash, brick and glass; gravel is angular; (Fill).
SS-01B	5/17/2021	0806						0.4 - 1.2	0.0	Similar to above.
SS-02A	5/17/2021	0730	768880.6	965085.5	874.4	Grass	0.2	0.2 - 0.4	0.0	Dark yellowish brown (10YR 4/6) fine SAND and Silt, little Gravel; moist; (Fill).
SS-02B	5/17/2021	0737						0.4 - 1.2	0.0	Similar to above.
SS-03A	5/17/2021	0830	768641.4	964938.9	846.5	Grass	0.3	0.3 - 0.5	0.0	Very dark gray (10YR 3/1) coarse to fine GRAVEL and fine Sand, trace Silt; dry; gravel is angular; (Fill).
SS-03B	5/17/2021	0837						0.5 - 1.3	0.0	Similar to above.
SS-04A	5/17/2021	1035	768649.8	965102.2	864.6	Asphalt	1.0	1.0 - 1.1	0.0	Very dark gray (10YR 3/1) coarse to fine GRAVEL, some CLAYEY SILT; dry; contains ash, slag and glass; (Fill).
SS-04B	5/17/2021	1040						1.1 - 2.0	0.0	Similar to above.
SS-05A	5/17/2021	0900	768485.7	964956.8	840.2	Asphalt	0.5	0.5 - 0.7	0.0	Brown (10YR 4/3) coarse to fine GRAVEL and medium to fine Sand, trace Silt; moist; gravel is angular; (Fill).
SS-05B	5/17/2021	0905						0.7 - 1.5	25.7	Similar to above.
SS-06A	5/17/2021	1020	768505.7	965112.6	854.7	Asphalt	1.0	1.0 - 1.1	0.0	Very dark grayish brown (10YR 3/2) coarse to fine GRAVEL, some medium to fine Sand, trace Silt; dry; gravel is angular; (Fill).
SS-06B	5/17/2021	1022						1.1 - 2.0	0.0	Similar to above.
SS-07A	5/17/2021	0920	768332.9	964971.6	836.8	Asphalt	0.6	0.6 - 0.8	0.0	Dark gray (10YR 4/1) fine GRAVEL and coarse to fine Sand, trace Silt; dry; contains ash, slag and cinders; (Fill).
SS-07B	5/17/2021	0924						0.8 - 1.6	0.0	Pale brown (10YR 6/3) CLAYEY SILT, little fine Gravel; dry; (Glacial Till).
SS-08A	5/17/2021	0940	768355.5	965121.8	839.3	Asphalt	0.4	0.4 - 0.6	0.0	Olive gray (5Y 4/2) coarse to fine GRAVEL and coarse to medium Sand, trace fine Sand; moist; contains cinders and ash; (Fill).
SS-08B	5/17/2021	0944						0.6 - 1.4	0.0	Similar to above.
SS-09A	5/17/2021	1108	768894.5	965333.9	888.7	Grass	0.5	0.5 - 0.7	0.0	Dark yellowish brown (10YR 4/4) coarse to fine SAND, little coarse to fine Gravel, trace silt; dry; contains slag; (Sand).
SS-09B	5/17/2021	1112						0.7 - 1.5	0.0	Similar to above.
SS-10A	5/17/2021	1125	768816.9	965383.5	881.3	Asphalt	1.1	1.1 - 1.3	0.0	Very dark gray (10YR 3/1) coarse to medium SAND and coarse to fine Gravel, trace Silt; dry; contains slag; gravel is angular; (Fill).
SS-10B	5/17/2021	1127						1.3 - 2.1	0.0	Similar to above.
SS-11A	5/17/2021	1202	768661.3	965250.5	866.3	Asphalt	0.6	0.6 - 0.8	0.9	Dark gray (10YR 4/1) coarse to fine GRAVEL, some medium to fine Sand, trace Silt; moist; contains ash, slag and wood; (Fill).
SS-11B	5/17/2021	1205						0.8 - 1.6	0.0	Similar to above.
SS-12A	5/17/2021	1145	768671.3	965388.5	866.9	Asphalt	0.7	0.7 - 0.8	0.0	Dark gray (10YR 4/1) coarse to fine GRAVEL, some medium to fine Sand, trace Silt; dry; contains ash, slag, cinders and wood; (Fill).
SS-12B	5/17/2021	1148						0.8 - 1.7	0.0	Similar to above.
SS-13A	5/17/2021	1223	768511.9	965263.9	852.8	Grass	0.5	0.5 - 0.6	0.0	Brown (10YR 4/3) coarse to fine GRAVEL, some coarse to fine Sand, trace Silt; dry; gravel is angular; (Fill).
SS-13B	5/17/2021	1225						0.6 - 1.5	0.0	Similar to above.
SS-14A	5/17/2021	1313	768522.3	965403.8	846.4	Gravel	0.4	0.4 - 0.5	0.0	Brown (10YR 4/3) coarse to fine GRAVEL, some coarse to fine Sand, trace Silt; dry; contains ash; gravel is angular; (Fill).
SS-14B	5/17/2021	1316						0.5 - 1.4	0.0	Similar to above.

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Sample ID	Date	Time	Northing	Easting	Ground Surface Elevation (amsl)	Surface Cover	Surface Cover Thickness (feet)	Sample Depth (fbgs)	PID Reading (ppmv)	Soil Description
SS-15A	5/17/2021	1348	768368.2	965269.1	840.7	Asphalt	0.7	0.7 - 0.8	0.0	Very dark grayish brown (10YR 3/2) coarse to fine GRAVEL, some coarse to fine Sand, trace Silt; dry; contains glass, ash, slag and wood; gravel is angular; (Fill).
SS-15B	5/17/2021	1351						0.8 - 1.7	0.0	Similar to above.
SS-16A	5/17/2021	1330	768375.8	965428.2	839.3	Asphalt	0.9	0.9 - 1.0	0.0	Black (10YR 2/1) coarse to medium SAND, some coarse to fine Gravel, trace Silt; dry; contains ash, wood and glass; gravel is angular; (Fill).
SS-16B	5/17/2021	1333						1.0 - 1.9	0.0	Similar to above.
SS-17A	5/17/2021	1412	768256.8	965273.4	836.9	Asphalt	1.0	1.0 - 1.2	0.0	Very dark brown (10YR 2/2) CLAYEY SILT and coarse to fine Gravel; moist; contains layers of ash, slag, cinders, brick and glass; petroleum odor in fill layer at 1.5 fbgs; (Fill).
SS-17B	5/17/2021	1417						1.2 - 2.0	5.3	Similar to above.
SS-18A	5/17/2021	1435	768832.8	965542.9	877.4	Asphalt	0.5	0.5 - 0.6	0.0	Yellowish brown (10YR 5/6) SILT and coarse to fine Gravel; dry; gravel is angular; (Fill).
SS-18B	5/17/2021	1440						0.6 - 1.5	0.0	Similar to above.
SS-19A	5/17/2021	1454	768690.2	965546.4	860.8	Asphalt	0.7	0.7 - 0.8	0.3	Very dark gray (10YR 3/1) coarse to fine GRAVEL and medium to fine Sand, trace Silt; moist; contains ash, slag, cinders, wood and glass; gravel is angular; (Fill).
SS-19B	5/17/2021	1457						0.8 - 1.7	0.0	Similar to above.
SS-20A	5/17/2021	1511	768701.3	965695.2	857.1	Asphalt	0.6	0.6 - 0.8	0.0	Brown (10YR 4/3) coarse to fine GRAVEL and medium to fine Sand, trace Silt; moist; contains ash, slag, cinders, wood and glass; gravel is angular; (Fill).
SS-20B	5/17/2021	1513						0.8 - 1.6	0.0	Similar to above.
SS-21A	5/19/2021	0641	767715.1	964999.1	848.7	Grass	0.2	0.2 - 0.4	0.0	Very dark grayish brown (10YR 3/2) medium to fine SAND, some Gravel, trace Silt; dry; contains ash, cinders, brick and glass; (Fill).
SS-21B	5/19/2021	0644						0.4 - 1.2	0.0	Similar to above.
SS-22A	5/19/2021	0657	767560.3	964997.3	848.3	Grass	0.6	0.6 - 0.7	0.0	Dark grayish brown (10YR 4/2) coarse to medium SAND and Gravel, trace Silt; dry; contains ash and glass; gravel is angular; (Fill).
SS-22B	5/19/2021	0700						0.7 - 1.6	0.0	Dark grayish brown (10YR 4/2) fine SAND, some fine Gravel, trace Silt; moist; gravel is well rounded; (Fill).
SS-23A	5/19/2021	1108	767437.3	965029.9	848.0	Grass	0.3	0.3 - 0.5	0.0	Yellowish brown (10YR 5/4) coarse GRAVEL and medium to fine Sand, trace Silt; dry; gravel is well rounded; (Fill).
SS-23B	5/19/2021	1112						0.5 - 1.3	0.0	Similar to above.
SS-24A	5/19/2021	1054	767362.5	965019.3	850.4	Grass	0.3	0.3 - 0.4	0.0	Dark grayish brown (10YR 4/2) fine GRAVEL, little medium to fine Sand, trace Silt; dry; very loose; contains ash and brick; gravel is angular; (Fill).
SS-24B	5/19/2021	1058						0.4 - 1.3	0.0	Similar to above.
SS-25A	5/19/2021	1040	767298.5	965029.8	850.5	Asphalt	0.4	0.4 - 0.6	0.0	Dark grayish brown (10YR 4/2) coarse GRAVEL, some medium to fine Sand, trace Silt; dry; contains brick; gravel is well rounded to angular; (Fill).
SS-25B	5/19/2021	1045						0.6 - 1.4	0.0	Dark grayish brown (10YR 4/2) coarse GRAVEL, some medium to fine Sand, trace Silt; moist; contains brick; gravel is well rounded to angular; (Fill).
SS-26A	5/19/2021	0916	767269.4	965132.7	850.8	Grass	0.3	0.3 - 0.5	0.0	Brown (10YR 4/3) fine GRAVEL and medium to fine Sand, trace Silt; dry; loose; contains ash and slag; (Fill).
SS-26B	5/19/2021	0919						0.5 - 1.3	0.0	Similar to above.
SS-27A	5/19/2021	0715	767594.9	965171.9	848.1	Asphalt	0.5	0.5 - 0.7	0.0	Very dark gray (10YR 3/1) coarse to fine GRAVEL; some coarse to medium Sand, trace Silt; dry; contains ash, slag, brick and glass; (Fill).
SS-27B	5/19/2021	0718						0.7 - 1.5	0.0	Similar to above.
SS-28A	5/19/2021	0922	767455.4	965179.4	850.1	Asphalt	0.5	0.5 - 0.7	0.0	Dark yellowish brown (10YR 4/4) medium to fine SAND and fine Gravel, trace Silt; dry; contains ash and brick; gravel is well rounded; (Fill).
SS-28B	5/19/2021	0925						0.7 - 1.5	0.0	Similar to above.

Table 1 - Summary of Shallow Soil Sampling
Operable Units 1 and 2 Shallow Soil Sampling
Former IBM Endicott Facility, Endicott, New York

Sample ID	Date	Time	Northing	Easting	Ground Surface Elevation (amsl)	Surface Cover	Surface Cover Thickness (feet)	Sample Depth (fbgs)	PID Reading (ppmv)	Soil Description
SS-29A	5/19/2021	0957	767306.7	965189.6	850.6	Asphalt	0.5	0.5 - 0.7	0.0	Very dark grayish brown (10YR 3/2) coarse to fine GRAVEL, little fine Sand, little Silt; moist; contains ash and cinders; gravel is rounded; (Fill).
SS-29B	5/19/2021	1000						0.7 - 1.5	0.0	Similar to above.
SS-30A	5/19/2021	0936	767295.0	965244.5	851.2	Grass	0.4	0.4 - 0.6	0.0	Very dark grayish brown (10YR 3/2) fine GRAVEL and coarse to medium Sand, trace Silt; dry; contains ash, brick and concrete; (Fill).
SS-30B	5/19/2021	0940						0.6 - 1.4	0.0	Similar to above.
SS-31A	5/19/2021	0732	767771.5	965305.2	848.4	Asphalt	0.6	0.6 - 0.7	0.0	Grayish brown (10YR 5/2) fine GRAVEL, some coarse to medium Sand, little fine Sand, trace Silt; dry; gravel is angular; (Fill).
SS-31B	5/19/2021	0737						0.7 - 1.6	0.0	Similar to above.
SS-32A	5/19/2021	0749	767618.4	965334.3	848.5	Asphalt	0.5	0.5 - 0.7	0.0	Dark yellowish brown (10YR 4/4) fine SAND and fine Gravel, trace medium to fine Sand, trace Silt; dry; contains ash and brick; (Fill).
SS-32B	5/19/2021	0752						0.7 - 1.5	0.0	Similar to above.
SS-33A	5/19/2021	0858	767467.3	965334.0	848.6	Asphalt	0.5	0.5 - 0.7	0.0	Black (10YR 2/1) coarse to medium SAND and fine Gravel, trace Silt; dry; very loose; contains ash and brick; gravel is angular; (Fill).
SS-33B	5/19/2021	0903						0.7 - 1.5	0.0	Similar to above.
SS-34A	5/19/2021	0840	767483.3	965404.4	849.4	Grass	0.6	0.6 - 0.7	0.0	Brown (10YR 4/3) medium SAND, some fine Gravel, trace fine sand, trace silt; contains ash, brick and glass; gravel is angular; (Fill).
SS-34B	5/19/2021	0841						0.7 - 1.6	0.0	Similar to above.
SS-35A	5/19/2021	0804	767622.4	965462.9	848.4	Asphalt	0.2	0.2 - 0.4	0.0	Very dark brown (10YR 2/2) coarse to medium SAND, some coarse to fine Gravel, trace fine sand, trace silt; dry; very loose; contains ash, concrete and glass; (Fill).
SS-35B	5/19/2021	0809						0.4 - 1.2	0.0	Similar to above.
SS-36A	5/19/2021	0824	767653.1	965630.3	848.6	Gravel	0.1	0.1 - 0.3	0.0	Dark yellowish brown (10YR 3/4) coarse GRAVEL, some medium to fine Sand, trace Silt; moist; very loose; poor recovery; (Fill).
SS-36B	5/19/2021	0829						0.3 - 1.1	0.0	Similar to above.
SS-37A	5/18/2021	1511	767657.4	965766.0	848.6	Asphalt	0.2	0.2 - 0.4	0.0	Dark gray (10YR 4/1) coarse to fine GRAVEL, some coarse to medium Sand, trace fine Sand, trace silt; dry; contains ash; gravel is angular; (Fill).
SS-37B	5/18/2021	1514						0.4 - 1.2	0.0	Similar to above.
SS-38A	5/18/2021	1457	767740.3	965760.9	848.8	Grass	0.6	0.6 - 0.8	0.0	Dark yellowish brown (10YR 4/4) fine GRAVEL and coarse to medium Sand, trace Silt; dry; (Fill).
SS-38B	5/18/2021	1500						0.8 - 1.6	0.0	Similar to above.
SS-39A	5/19/2021	1225	767357.2	965568.6	849.6	Grass	0.4	0.4 - 0.5	0.0	Very dark grayish brown (10YR 3/2) medium to fine SAND, little Gravel, trace Silt; dry; gravel is well rounded; (Fill).
SS-39B	5/19/2021	1233						0.5 - 1.4	0.0	Similar to above.
SS-40A	5/19/2021	1244	767398.8	965720.7	849.2	Grass	0.4	0.4 - 0.5	0.0	Very dark grayish brown (10YR 3/2) medium to fine SAND and Silt; moist; (Fill).
SS-40B	5/19/2021	1252						0.5 - 1.4	0.0	Very dark grayish brown (10YR 3/2) medium to fine SAND, some Silt, trace fine Gravel; moist; (Fill).
SS-41A	5/18/2021	1433	767465.0	965980.8	849.9	Grass	0.5	0.5 - 0.6	0.0	Very dark grayish brown (10YR 3/2) medium to fine SAND, some Silt, trace fine Gravel; dry; (Fill).
SS-41B	5/18/2021	1436						0.6 - 1.5	0.0	Similar to above.
SS-42A	5/18/2021	1415	767511.6	966087.0	849.5	Grass	0.4	0.4 - 0.6	0.0	Dark brown (10YR 3/3) coarse fine GRAVEL and medium Sand, trace Silt; moist; gravel and sand is well rounded; (Fill).
SS-42B	5/18/2021	1418						0.6 - 1.4	0.0	Similar to above.
SS-43A	5/18/2021	1400	767582.2	966084.4	849.3	Grass	0.2	0.2 - 0.4	0.0	Very dark gray (10YR 3/1) SILT, little Gravel, trace fine Sand; dry; loose; (Fill).
SS-43B	5/18/2021	1403						0.4 - 1.2	0.0	Similar to above.

Table 1 - Summary of Shallow Soil Sampling
Operable Units 1 and 2 Shallow Soil Sampling
Former IBM Endicott Facility, Endicott, New York

Sample ID	Date	Time	Northing	Easting	Ground Surface Elevation (amsl)	Surface Cover	Surface Cover Thickness (feet)	Sample Depth (fbgs)	PID Reading (ppmv)	Soil Description
SS-44A	5/18/2021	1350	767521.4	966238.0	851.3	Grass	0.3	0.3 - 0.4	0.0	Very dark gray (10YR 3/1) SILT, little Gravel, trace fine Sand; dry; loose; (Fill).
SS-44B	5/18/2021	1353						0.4 - 1.3	0.0	Similar to above.
SS-45A	5/18/2021	1330	767603.4	966463.4	851.4	Grass	0.4	0.4 - 0.6	0.0	Dark grayish brown (10YR 4/2) coarse to fine GRAVEL and medium to fine Sand, trace Silt; dry; gravel is well rounded; (Fill).
SS-45B	5/18/2021	1333						0.6 - 1.4	0.0	Similar to above.
SS-46A	5/18/2021	1317	767668.4	966733.3	849.2	Grass	0.6	0.6 - 0.7	0.0	Very dark grayish brown (10YR 3/2) fine SAND, little coarse to fine Gravel, little Silt; dry; gravel is well rounded; (Fill).
SS-46B	5/18/2021	1320						0.7 - 1.6	0.0	Similar to above.
SS-47A	5/18/2021	1147	767370.4	966730.2	845.5	Asphalt	0.6	0.6 - 0.7	0.0	Dark yellowish brown (10YR 3/4) medium to fine SAND and Silt, trace Gravel; moist; gravel is well rounded; (Fill).
SS-47B	5/18/2021	1151						0.7 - 1.6	0.0	Similar to above.
SS-48A	5/18/2021	1200	767470.8	966783.6	847.8	Grass	0.6	0.6 - 0.7	0.0	Dark yellowish brown (10YR 4/4) medium to fine SAND and fine Gravel, little Silt; dry; contains ash; gravel is well rounded; (Fill).
SS-48B	5/18/2021	1202						0.7 - 1.6	0.0	Similar to above.
SS-49A	5/18/2021	1300	767730.8	966967.8	845.7	Grass	0.5	0.5 - 0.7	0.0	Dark yellowish brown (10YR 4/4) coarse to fine GRAVEL and medium to fine Sand, trace Silt; moist; gravel is well rounded; (Fill).
SS-49B	5/18/2021	1303						0.7 - 1.5	0.0	Similar to above.
SS-50A	5/18/2021	1250	767882.5	966924.9	847.7	Grass	0.3	0.3 - 0.5	0.0	Very dark grayish brown (10YR 3/2) fine GRAVEL and coarse to medium Sand, trace Silt; dry; very loose; contains ash, slag and cinders; gravel is rounded to angular; (Fill).
SS-50B	5/18/2021	1252						0.5 - 1.3	0.0	Similar to above.
SS-51A	5/18/2021	1237	767932.2	967024.4	845.8	Asphalt	0.4	0.4 - 0.6	0.0	Very dark gray (10YR 3/1) coarse to fine GRAVEL and medium Sand, trace Silt; dry; contains ash; gravel is well rounded; (Fill).
SS-51B	5/18/2021	1239						0.6 - 1.4	0.0	Similar to above.
SS-52A	5/18/2021	1223	768021.2	966951.2	844.2	Grass	0.3	0.3 - 0.5	0.0	Dark grayish brown (10YR 4/2) coarse to fine GRAVEL, some medium to fine Sand, trace Silt; dry; poor recovery; contains brick; gravel is well rounded; (Fill).
SS-52B	5/18/2021	1226						0.5 - 1.3	0.0	Similar to above.
SS-53A	5/18/2021	1050	768333.3	966934.7	843.5	Asphalt	1.0	1.0 - 1.2	0.0	Black (10YR 2/1) fine GRAVEL, some medium to fine Sand, trace Silt; dry; very loose; contains ash, slag and cinders; gravel is angular; (Fill).
SS-53B	5/18/2021	1052						1.2 - 2.0	0.0	Similar to above.
SS-54A	5/18/2021	1102	768342.3	967086.7	842.6	Asphalt	0.4	0.4 - 0.6	0.0	Black (10YR 2/1) fine GRAVEL, some medium to fine Sand, trace Silt; dry; very loose; contains ash, slag and cinders; gravel is angular; (Fill).
SS-54B	5/18/2021	1105						0.6 - 1.4	0.0	Similar to above.
SS-55A	5/18/2021	1035	768286.7	966629.4	844.6	Grass	0.3	0.3 - 0.5	0.0	Very dark grayish brown (10YR 3/2) coarse to fine GRAVEL, some coarse to fine Sand, trace Silt; dry; contains ash and concrete; (Fill).
SS-55B	5/18/2021	1038						0.5 - 1.3	0.0	Similar to above.
SS-56A	5/18/2021	0920	768603.7	966604.8	846.5	Grass	0.2	0.2 - 0.3	0.0	Grayish brown (10YR 5/2) medium to fine SAND, some fine Gravel, trace Silt; dry; gravel is well rounded; (Fill).
SS-56B	5/18/2021	0922						0.3 - 1.2	0.0	Similar to above.
SS-57A	5/18/2021	0932	768495.7	966600.6	844.9	Grass	0.3	0.3 - 0.5	0.0	Dark grayish brown (10YR 4/2) SILT, little fine sand; moist; contains ash and slag; (Fill).
SS-57B	5/18/2021	0934						0.5 - 1.3	0.0	Similar to above.
SS-58A	5/18/2021	0901	768638.7	966801.6	846.2	Grass	0.3	0.3 - 0.5	0.0	Brown (10YR 4/3) medium to fine SAND and coarse to fine Gravel, trace Silt; dry; gravel is angular to rounded; (Fill).
SS-58B	5/18/2021	0905						0.5 - 1.3	0.0	Similar to above.

Table 1 - Summary of Shallow Soil Sampling
Operable Units 1 and 2 Shallow Soil Sampling
Former IBM Endicott Facility, Endicott, New York

Sample ID	Date	Time	Northing	Easting	Ground Surface Elevation (amsl)	Surface Cover	Surface Cover Thickness (feet)	Sample Depth (fbgs)	PID Reading (ppmv)	Soil Description
SS-59A	5/18/2021	0948	768473.4	966762.9	844.7	Asphalt	0.7	0.7 - 0.9	0.0	Brown (10YR 4/3) medium to fine SAND and coarse to fine Gravel, trace Silt; moist; gravel is angular to rounded; (Fill).
SS-59B	5/18/2021	0952						0.9 - 1.7	0.0	Brown (10YR 4/3) medium to fine SAND and coarse to fine Gravel, trace Silt; moist; contains and cinders; gravel is angular to rounded; (Fill).
SS-60A	5/18/2021	0842	768624.2	966903.0	843.5	Asphalt	0.5	0.5 - 0.7	0.2	Very dark gray (10YR 3/1) fine GRAVEL and medium to fine Sand, trace Silt; dry; loose; petroleum odor present; contains ash, slag and cinders; (Fill).
SS-60B	5/18/2021	0848						0.7 - 1.5	60.3	Similar to above.
SS-61A	5/18/2021	1013	768494.6	966915.7	844.0	Asphalt	1.0	1.0 - 1.2	0.0	Brown (10YR 4/3) fine GRAVEL and medium to fine Sand, trace Silt; dry; contains ash; gravel is angular (Fill).
SS-61B	5/18/2021	1016						1.2 - 2.0	15.3	Similar to above.
SS-62A	5/18/2021	0810	768783.4	967039.0	846.1	Asphalt	0.3	0.3 - 0.5	0.0	Gray (10YR 5/1) fine GRAVEL and medium Sand, trace Silt; dry; very loose; contains ash and cinders; (Fill).
SS-62B	5/18/2021	0813						0.5 - 1.3	0.1	Brownish yellow (10YR 6/6) coarse to fine GRAVEL and Clayey Silt; dry; gravel is angular to rounded; (Fill).
SS-63A	5/18/2021	0748	768924.6	967027.6	848.8	Asphalt	0.9	0.9 - 1.1	0.0	Black (10YR 2/1) medium to fine SAND, some fine Gravel, trace Silt; dry; very loose; contains ash, slag, cinders and glass; (Fill).
SS-63B	5/18/2021	0752						1.1 - 1.9	0.0	Brownish yellow (10YR 6/6) coarse to fine GRAVEL and Clayey Silt; dry; gravel is angular to rounded; (Fill).
SS-64A	5/18/2021	0730	768915.3	966728.7	857.2	Grass	0.4	0.4 - 0.5	0.0	Yellowish brown (10YR 5/4) coarse GRAVEL and medium to fine Sand, trace Silt; dry; contains slag; gravel is angular; (Fill).
SS-64B	5/18/2021	0733						0.5 - 1.4	0.0	Similar to above.
SS-65A	5/18/2021	0715	768906.2	966582.2	860.9	Grass	0.3	0.3 - 0.4	0.0	Dark yellowish brown (10YR 4/4) fine GRAVEL and coarse to medium Sand, trace Silt; dry; gravel is angular to rounded; (Fill).
SS-65B	5/18/2021	0715						0.4 - 1.3	0.0	Similar to above.
SS-66A	5/18/2021	0656	768896.2	966436.3	861.7	Grass	0.4	0.4 - 0.6	0.0	Very dark grayish brown (10YR 3/2) coarse to fine GRAVEL and medium to fine Sand, trace Silt; dry; gravel is angular to rounded; (Fill).
SS-66B	5/18/2021	0700						0.6 - 1.4	0.0	Similar to above.
SS-67A	5/17/2021	1542	768896.9	965974.0	851.6	Grass	0.4	0.4 - 0.6	0.0	Very dark grayish brown (10YR 3/2) fine GRAVEL, some medium to fine Sand, little Silt; dry; contains ash and slag; gravel is angular; (Fill).
SS-67B	5/17/2021	1543						0.6 - 1.4	0.0	Similar to above.

Key:
fbgs - feet below ground surface
ppmv - parts per million volume
PID - photoionization detectors

Table 2 - Volatile Organic Compound Analysis Data
Shallow Soil Sampling in Operable Units 1 and 2
Former IBM Endicott Facility, Endicott, New York

			Sample ID	SS-01A	SS-01B	SS-02A	SS-02B	SS-03A	SS-03B	SS-04A	SS-04B	SS-05A	SS-05B	SS-06A	SS-06B	SS-07A	SS-07B	SS-08A	SS-08B	SS-09A	SS-09B
VOLATILE ORGANIC COMPOUNDS			Sample Date	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/21	5/17/2021	5/17/2021
(VOCs)			Sample Depth (fbgs)	0.2 - 0.4	0.7 - 0.9	0.2 - 0.4	0.7 - 0.9	0.3 - 0.5	0.8 - 1.0	1.0 - 1.1	1.5 - 1.6	0.5 - 0.7	1.0 - 1.2	1.0 - 1.1	1.5 - 1.6	0.6 - 0.8	1.1 - 1.3	0.4 - 0.6	1.1 - 1.2	0.5 - 0.7	1.2 - 1.4
		NYSDEC SCOs																			
CHLORINATED ETHANE SERIES	**UNITS**	**UNR**	**IND**																		
1,1,1-Trichloroethane	mg/kg	0.68	1000	< 0.0059	< 0.0062	< 0.0066	< 0.0047	< 0.0051	< 0.0057	< 0.0059	< 0.0063	< 0.0059	< 0.0054	< 0.0056	< 0.0061	< 0.0078	< 0.005	< 0.0076	< 0.0056	< 0.0061	< 0.0051
1,1-Dichloroethene	mg/kg	0.33	1000	< 0.0059	< 0.0062	< 0.0066	< 0.0047	< 0.0051	< 0.0057	< 0.0059	< 0.0063	< 0.0059	< 0.0054	< 0.0056	< 0.0061	< 0.0078	< 0.005	< 0.0076	< 0.0056	< 0.0061	< 0.0051
1,1-Dichloroethane	mg/kg	0.27	480	< 0.0059	< 0.0062	< 0.0066	< 0.0047	< 0.0051	< 0.0057	< 0.0059	< 0.0063	< 0.0059	< 0.0054	< 0.0056	< 0.0061	< 0.0078	< 0.005	< 0.0076	< 0.0056	< 0.0061	< 0.0051
Chloroethane	mg/kg	NA	NA	< 0.0059	< 0.0062	< 0.0066	< 0.0047	< 0.0051	< 0.0057	< 0.0059	< 0.0063	< 0.0059	< 0.0054	< 0.0056	< 0.0061	< 0.0078	< 0.005	< 0.0076	< 0.0056	< 0.0061	< 0.0051
CHLORINATED ETHENE SERIES																					
Tetrachloroethene	mg/kg	1.3	300	< 0.0059	< 0.0062	< 0.0066	< 0.0047	< 0.0051	< 0.0057	< 0.0059	< 0.0063	< 0.0059	< 0.0054	< 0.0056	< 0.0061	< 0.0078	< 0.005	< 0.0076	< 0.0056	< 0.0061	< 0.0051
Trichloroethene	mg/kg	0.47	400	< 0.0059	< 0.0062	< 0.0066	< 0.0047	< 0.0051	< 0.0057	< 0.0059	< 0.0063	< 0.0059	< 0.0054	< 0.0056	< 0.0061	< 0.0078	**0.0013 J**	< 0.0076	< 0.0056	< 0.0061	< 0.0051
cis-1,2-Dichloroethene	mg/kg	0.25	1000	< 0.0059	< 0.0062	< 0.0066	< 0.0047	< 0.0051	< 0.0057	< 0.0059	< 0.0063	< 0.0059	< 0.0054	< 0.0056	< 0.0061	< 0.0078	< 0.005	< 0.0076	< 0.0056	< 0.0061	< 0.0051
Vinyl chloride	mg/kg	0.02	27	< 0.0059	< 0.0062	< 0.0066	< 0.0047	< 0.0051	< 0.0057	< 0.0059	< 0.0063	< 0.0059	< 0.0054	< 0.0056	< 0.0061	< 0.0078	< 0.005	< 0.0076	< 0.0056	< 0.0061	< 0.0051
FREONS																					
Freon 113	mg/kg	NA	NA	< 0.012	< 0.012	< 0.013	< 0.0095	< 0.01	< 0.011	< 0.012	< 0.013	< 0.012	< 0.011	< 0.011	< 0.012	< 0.016	< 0.01	< 0.015	< 0.011	< 0.012	< 0.01
Freon 123a	mg/kg	NA	NA	< 0.0059	< 0.0062	< 0.0066	< 0.0047	< 0.0051	< 0.0057	< 0.0059	< 0.0063	< 0.0059	< 0.0054	< 0.0056	< 0.0061	< 0.0078	< 0.005	< 0.0076	< 0.0056	< 0.0061	< 0.0051
OTHER VOC																					
Methylene chloride	mg/kg	NA	NA	< 0.0059	< 0.0062	< 0.0066	< 0.0047	**0.0028 J**	**0.0045 J**	< 0.0059	< 0.0063	**0.011**	**0.012**	**0.0081**	< 0.0061	**0.046**	< 0.005	**0.022**	< 0.0056	< 0.0061	< 0.0051

			Sample ID	SS-10A	SS-10B	SS-11A	SS-11B	SS-12A	SS-12B	SS-13A	SS-13B	SS-14A	SS-14B	SS-15A	SS-15B	SS-16A	SS-16B	SS-17A	SS-17B	SS-18A	SS-18B
VOLATILE ORGANIC COMPOUNDS			Sample Date	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/2021	5/17/21	5/17/21	5/17/21	5/17/21
(VOCs)			Sample Depth (fbgs)	1.1 - 1.3	1.8 - 1.9	0.6 - 0.8	1.3 - 1.4	0.7 - 0.8	1.3 - 1.5	0.5 - 0.6	1.1 - 1.3	0.4 - 0.5	1.0 - 1.1	0.7 - 0.8	1.3 - 1.5	0.9 - 1.0	1.5 - 1.7	1.0 - 1.2	1.5 - 1.7	0.5 - 0.6	1.1 - 1.3
		NYSDEC SCOs																			
CHLORINATED ETHANE SERIES	**UNITS**	**UNR**	**IND**																		
1,1,1-Trichloroethane	mg/kg	0.68	1000	< 0.0055	< 0.0052	< 0.0051	< 0.005	< 0.0056	< 0.0066	< 0.0051	< 0.0048	< 0.0054	< 0.005	< 0.0065	< 0.0055	< 0.0058	< 0.0056	< 0.0092	< 0.0067	< 0.0054	< 0.0054
1,1-Dichloroethene	mg/kg	0.33	1000	< 0.0055	< 0.0052	< 0.0051	< 0.005	< 0.0056	< 0.0066	< 0.0051	< 0.0048	< 0.0054	< 0.005	< 0.0065	< 0.0055	< 0.0058	< 0.0056	< 0.0092	< 0.0067	< 0.0054	< 0.0054
1,1-Dichloroethane	mg/kg	0.27	480	< 0.0055	< 0.0052	< 0.0051	< 0.005	< 0.0056	< 0.0066	< 0.0051	< 0.0048	< 0.0054	< 0.005	< 0.0065	< 0.0055	< 0.0058	< 0.0056	< 0.0092	< 0.0067	< 0.0054	< 0.0054
Chloroethane	mg/kg	NA	NA	< 0.0055	< 0.0052	< 0.0051	< 0.005	< 0.0056	< 0.0066	< 0.0051	< 0.0048	< 0.0054	< 0.005	< 0.0065	< 0.0055	< 0.0058	< 0.0056	< 0.0092	< 0.0067	< 0.0054	< 0.0054
CHLORINATED ETHENE SERIES																					
Tetrachloroethene	mg/kg	1.3	300	< 0.0055	< 0.0052	< 0.0051	< 0.005	< 0.0056	< 0.0066	< 0.0051	< 0.0048	< 0.0054	< 0.005	< 0.0065	< 0.0055	< 0.0058	< 0.0056	**0.0023 J**	**0.0044 J**	< 0.0054	< 0.0054
Trichloroethene	mg/kg	0.47	400	< 0.0055	< 0.0052	< 0.0051	< 0.005	< 0.0056	< 0.0066	< 0.0051	< 0.0048	< 0.0054	< 0.005	< 0.0065	< 0.0055	< 0.0058	< 0.0056	< 0.0092	**0.0011 J**	< 0.0054	< 0.0054
cis-1,2-Dichloroethene	mg/kg	0.25	1000	< 0.0055	< 0.0052	< 0.0051	< 0.005	< 0.0056	< 0.0066	< 0.0051	< 0.0048	< 0.0054	< 0.005	< 0.0065	< 0.0055	< 0.0058	< 0.0056	< 0.0092	< 0.0067	< 0.0054	< 0.0054
Vinyl chloride	mg/kg	0.02	27	< 0.0055	< 0.0052	< 0.0051	< 0.005	< 0.0056	< 0.0066	< 0.0051	< 0.0048	< 0.0054	< 0.005	< 0.0065	< 0.0055	< 0.0058	< 0.0056	< 0.0092	< 0.0067	< 0.0054	< 0.0054
FREONS																					
Freon 113	mg/kg	NA	NA	< 0.011	< 0.01	< 0.01	< 0.01	< 0.011	< 0.013	< 0.01	< 0.0095	< 0.011	< 0.01	< 0.013	< 0.011	< 0.012	< 0.011	< 0.018	< 0.013	< 0.011	< 0.011
Freon 123a	mg/kg	NA	NA	< 0.0055	< 0.0052	< 0.0051	< 0.005	< 0.0056	< 0.0066	< 0.0051	< 0.0048	< 0.0054	< 0.005	< 0.0065	< 0.0055	< 0.0058	< 0.0056	< 0.0092	< 0.0067	< 0.0054	< 0.0054
OTHER VOC																					
Methylene chloride (Dichlorometha	mg/kg	NA	NA	**0.0079**	< 0.0052	< 0.0051	**0.008**	< 0.0056	**0.0028 J**	< 0.0051	< 0.0048	**0.0068**	< 0.005	**0.0056 J**	**0.003 J**	< 0.0058	< 0.0056	< 0.0092	< 0.0067	< 0.0054	< 0.0054

KEY:
UNR - Unrestricted
IND - Industrial
NA - Not Applicable
J - Value or associated reporting limit (for non-detects) is estimated
R - Rejected value due to outlying internal standard (IS) recovery

Table 2 - Volatile Organic Compound Analysis Data
Shallow Soil Sampling in Operable Units 1 and 2
Former IBM Endicott Facility, Endicott, New York

VOLATILE ORGANIC COMPOUNDS (VOCs)		Sample ID	SS-19A	SS-19B	SS-20A	SS-20B	SS-21A	SS-21B	SS-22A	SS-22B	SS-23A	SS-23B	SS-24A	SS-24B	SS-25A	SS-25B	SS-26A	SS-26B	SS-27A	SS-27B
		Sample Date	5/17/21	5/17/21	5/17/21	5/17/21	5/19/21	5/19/21	5/19/21	5/19/21	5/19/21	5/19/21	5/19/21	5/19/21	5/19/2021	5/19/2021	5/19/2021	5/19/2021	5/19/2021	5/19/2021
		Sample Depth (fbgs)	0.7 - 0.8	1.3 - 1.5	0.6 - 0.8	1.3 - 1.4	0.2 - 0.4	0.9 - 1.0	0.6 - 0.7	1.2 - 1.4	0.3 - 0.5	1.0 - 1.1	0.3 - 0.4	0.8 - 0.9	0.4 - 0.6	1.1 - 1.3	0.3 - 0.5	1.0 - 1.1	0.5 - 0.7	1.1 - 1.3
		NYSDEC SCOs																		
CHLORINATED ETHANE SERIES	UNITS	UNR	IND																	
1,1,1-Trichloroethane	mg/kg	0.68	1000	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054
1,1-Dichloroethene	mg/kg	0.33	1000	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054
1,1-Dichloroethane	mg/kg	0.27	480	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054
Chloroethane	mg/kg	NA	NA	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054
CHLORINATED ETHENE SERIES																				
Tetrachloroethene	mg/kg	1.3	300	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054
Trichloroethene	mg/kg	0.47	400	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054
cis-1,2-Dichloroethene	mg/kg	0.25	1000	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054
Vinyl chloride	mg/kg	0.02	27	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054
FREONS																				
Freon 113	mg/kg	NA	NA	< 0.013	< 0.012	< 0.011	< 0.01	< 0.01	< 0.011	< 0.011	< 0.01	< 0.011	< 0.0097	< 0.013	< 0.011	< 0.011	< 0.011	< 0.011	< 0.012	< 0.01	< 0.011
Freon 123a	mg/kg	NA	NA	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054
OTHER VOC																				
Methylene chloride	mg/kg	NA	NA	< 0.0065	< 0.0061	< 0.0056	< 0.0052	< 0.0051	< 0.0057	< 0.0056	< 0.0052	< 0.0055	< 0.0049	< 0.0067	< 0.0057	< 0.0054	< 0.0057	< 0.0054	< 0.0058	< 0.0052	< 0.0054

VOLATILE ORGANIC COMPOUNDS (VOCs)		Sample ID	SS-28A	SS-28B	SS-29A	SS-29B	SS-30A	SS-30B	SS-31A	SS-31B	SS-32A	SS-32B	SS-33A	SS-33B	SS-34A	SS-34B	SS-35A	SS-35B	SS-36A	SS-36B
		Sample Date	5/19/2021	5/19/2021	5/19/2021	5/19/2021	5/19/2021	5/19/2021	5/19/2021	5/19/2021	5/19/2021	5/19/2021	5/19/21	5/19/21	5/19/21	5/19/21	5/19/21	5/19/21	5/19/21	5/19/21
		Sample Depth (fbgs)	0.5 - 0.7	1.2 - 1.4	0.5 - 0.7	1.2 - 1.4	0.4 - 0.6	1.1 - 1.3	0.6 - 0.7	1.2 - 1.4	0.5 - 0.7	1.2 - 1.4	0.5 - 0.7	1.2 - 1.4	0.6 - 0.7	1.2 - 1.4	0.2 - 0.4	0.9 - 1.1	0.1 - 0.3	0.8 - 1.0
		NYSDEC SCOs																		
CHLORINATED ETHANE SERIES	UNITS	UNR	IND																	
1,1,1-Trichloroethane	mg/kg	0.68	1000	< 0.0059	< 0.0051	< 0.0056	< 0.0055	< 0.0055	< 0.005	< 0.0056	< 0.0054	< 0.0052	< 0.0053	< 0.0057	< 0.0085	< 0.0054	< 0.0056	< 0.0073	< 0.0055	< 0.0056	< 0.006
1,1-Dichloroethene	mg/kg	0.33	1000	< 0.0059	< 0.0051	< 0.0056	< 0.0055	< 0.0055	< 0.005	< 0.0056	< 0.0054	< 0.0052	< 0.0053	< 0.0057	< 0.0085	< 0.0054	< 0.0056	< 0.0073	< 0.0055	< 0.0056	< 0.006
1,1-Dichloroethane	mg/kg	0.27	480	< 0.0059	< 0.0051	< 0.0056	< 0.0055	< 0.0055	< 0.005	< 0.0056	< 0.0054	< 0.0052	< 0.0053	< 0.0057	< 0.0085	< 0.0054	< 0.0056	< 0.0073	< 0.0055	< 0.0056	< 0.006
Chloroethane	mg/kg	NA	NA	< 0.0059	< 0.0051	< 0.0056	< 0.0055	< 0.0055	< 0.005	< 0.0056	< 0.0054	< 0.0052	< 0.0053	< 0.0057	< 0.0085	< 0.0054	< 0.0056	< 0.0073	< 0.0055	< 0.0056	< 0.006
CHLORINATED ETHENE SERIES																				
Tetrachloroethene	mg/kg	1.3	300	< 0.0059	< 0.0051	< 0.0056	**0.0012 J**	< 0.0055	< 0.005	< 0.0056	**0.00089 J**	< 0.0052	< 0.0053 R	< 0.0057	< 0.0085	< 0.0054	< 0.0056	**0.0024 J**	**0.0041 J**	< 0.0056	**0.00064 J**
Trichloroethene	mg/kg	0.47	400	< 0.0059	**0.0022 J**	< 0.0056	< 0.0055	< 0.0055	< 0.005	< 0.0056	< 0.0054	< 0.0052	< 0.0053	< 0.0057	< 0.0085	< 0.0054	< 0.0056	< 0.0073	< 0.0055	< 0.0056	**0.004 J**
cis-1,2-Dichloroethene	mg/kg	0.25	1000	< 0.0059	< 0.0051	< 0.0056	< 0.0055	< 0.0055	< 0.005	< 0.0056	< 0.0054	< 0.0052	< 0.0053	< 0.0057	< 0.0085	< 0.0054	< 0.0056	< 0.0073	< 0.0055	< 0.0056	< 0.006
Vinyl chloride	mg/kg	0.02	27	< 0.0059	< 0.0051	< 0.0056	< 0.0055	< 0.0055	< 0.005	< 0.0056	< 0.0054	< 0.0052	< 0.0053	< 0.0057	< 0.0085	< 0.0054	< 0.0056	< 0.0073	< 0.0055	< 0.0056	< 0.006
FREONS																				
Freon 113	mg/kg	NA	NA	< 0.012	< 0.01	< 0.011	< 0.011	< 0.011	< 0.01	< 0.011	< 0.011	< 0.01	< 0.011	< 0.011	< 0.017	< 0.011	< 0.011	< 0.015	< 0.011	< 0.011	< 0.012
Freon 123a	mg/kg	NA	NA	< 0.0059	< 0.0051	< 0.0056	< 0.0055	< 0.0055	< 0.005	< 0.0056	< 0.0054	< 0.0052	< 0.0053	< 0.0057	< 0.0085	< 0.0054	< 0.0056	< 0.0073	< 0.0055	< 0.0056	< 0.006
OTHER VOC																				
Methylene chloride (Dichlorometha	mg/kg	NA	NA	< 0.0059	< 0.0051	< 0.0056	< 0.0055	< 0.0055	< 0.005	< 0.0056	< 0.0054	< 0.0052	< 0.0053	< 0.0057	< 0.0085	< 0.0054	< 0.0056	< 0.0073	< 0.0055	< 0.0056	< 0.006

KEY:
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IND - Industrial
NA - Not Applicable
J - Value or associated reporting limit (for non-detects) is estimated
R - Rejected value due to outlying internal standard (IS) recovery

Table 2 - Volatile Organic Compound Analysis Data
Shallow Soil Sampling in Operable Units 1 and 2
Former IBM Endicott Facility, Endicott, New York

			Sample ID	SS-37A	SS-37B	SS-38A	SS-38B	SS-39A	SS-39B	SS-40A	SS-40B	SS-41A	SS-41B	SS-42A	SS-42B	SS-43A	SS-43B	SS-44A	SS-44B	SS-45A	SS-45B
VOLATILE ORGANIC COMPOUNDS			Sample Date	5/18/21	5/18/21	5/18/21	5/18/21	5/19/21	5/19/21	5/19/21	5/19/21	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021
(VOCs)			Sample Depth (fbgs)	0.2 - 0.4	0.9 - 1.0	0.6 - 0.8	1.3 - 1.5	0.4 - 0.5	0.7 - 0.9	0.4 - 0.5	0.6 - 0.8	0.5 - 0.6	1.1 - 1.3	0.4 - 0.6	1.1 - 1.2	0.2 - 0.4	0.9 - 1.0	0.3 - 0.4	0.9 - 1.1	0.4 - 0.6	1.1 - 1.2
		NYSDEC SCOs																			
CHLORINATED ETHANE SERIES	**UNITS**	**UNR**	**IND**																		
1,1,1-Trichloroethane	mg/kg	0.68	1000	< 0.0065	**0.00085 J**	< 0.0059	< 0.0052	< 0.0057	< 0.0055	< 0.0059	< 0.0055	< 0.0058	< 0.0055	< 0.005	< 0.0053	**0.002 J**	**0.015 J**	< 0.0058	< 0.0053	< 0.0055	< 0.0055
1,1-Dichloroethene	mg/kg	0.33	1000	< 0.0065	< 0.0049	< 0.0059	< 0.0052	< 0.0057	< 0.0055	< 0.0059	< 0.0055	< 0.0058	< 0.0055	< 0.005	< 0.0053	< 0.006	**0.0015 J**	< 0.0058	< 0.0053	< 0.0055	< 0.0055
1,1-Dichloroethane	mg/kg	0.27	480	< 0.0065	< 0.0049	< 0.0059	< 0.0052	< 0.0057	< 0.0055	< 0.0059	< 0.0055	< 0.0058	< 0.0055	< 0.005	< 0.0053	< 0.006	**0.0049 J**	< 0.0058	< 0.0053	< 0.0055	< 0.0055
Chloroethane	mg/kg	NA	NA	< 0.0065	< 0.0049	< 0.0059	< 0.0052	< 0.0057	< 0.0055	< 0.0059	< 0.0055	< 0.0058	< 0.0055	< 0.005	< 0.0053	< 0.006	< 0.0054	< 0.0058	< 0.0053	< 0.0055	< 0.0055
CHLORINATED ETHENE SERIES																					
Tetrachloroethene	mg/kg	1.3	300	< 0.0065	**0.002 J**	< 0.0059	< 0.0052	< 0.0057	< 0.0055	< 0.0059	< 0.0055	< 0.0058	< 0.0055	< 0.005	**0.0014 J**	< 0.006	**0.00087 J**	< 0.0058	< 0.0053	< 0.0055	< 0.0055
Trichloroethene	mg/kg	0.47	400	< 0.0065	**0.032**	< 0.0059	< 0.0052	< 0.0057	< 0.0055	**0.00062 J**	**0.0012 J**	**0.0012 J**	**0.0064**	**0.0035 J**	**0.0073**	**0.0017 J**	**0.023 J**	**0.0012 J**	**0.00066 J**	**0.00061 J**	**0.0019 J**
cis-1,2-Dichloroethene	mg/kg	0.25	1000	< 0.0065	< 0.0049	< 0.0059	< 0.0052	< 0.0057	< 0.0055	< 0.0059	< 0.0055	< 0.0058	< 0.0055	< 0.005	< 0.0053	< 0.006	**0.002 J**	< 0.0058	< 0.0053	< 0.0055	< 0.0055
Vinyl chloride	mg/kg	0.02	27	< 0.0065	< 0.0049	< 0.0059	< 0.0052	< 0.0057	< 0.0055	< 0.0059	< 0.0055	< 0.0058	< 0.0055	< 0.005	< 0.0053	< 0.006	< 0.0054	< 0.0058	< 0.0053	< 0.0055	< 0.0055
FREONS																					
Freon 113	mg/kg	NA	NA	< 0.013	< 0.0098	< 0.012	< 0.01	< 0.011	< 0.011	< 0.012	< 0.011	< 0.012	< 0.011	< 0.0099	< 0.011	< 0.012	< 0.011	< 0.012	< 0.011	< 0.011	< 0.011
Freon 123a	mg/kg	NA	NA	< 0.0065	< 0.0049	< 0.0059	< 0.0052	< 0.0057	< 0.0055	< 0.0059	< 0.0055	< 0.0058	< 0.0055	< 0.005	< 0.0053	< 0.006	< 0.0054	< 0.0058	< 0.0053	< 0.0055	< 0.0055
OTHER VOC																					
Methylene chloride	mg/kg	NA	NA	< 0.0065	< 0.0049	< 0.0059	< 0.0052	< 0.0057	< 0.0055	< 0.0059	< 0.0055	< 0.0058	< 0.0055	< 0.005	< 0.0053	< 0.006	< 0.0054	< 0.0058	< 0.0053	< 0.0055	< 0.0055

			Sample ID	SS-46A	SS-46B	SS-47A	SS-47B	SS-48A	SS-48B	SS-49A	SS-49B	SS-50A	SS-50B	SS-51A	SS-51B	SS-52A	SS-52B	SS-53A	SS-53B	SS-54A	SS-54B
VOLATILE ORGANIC COMPOUNDS			Sample Date	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/21	5/18/21	5/18/21	5/18/21	5/18/21	5/18/21	5/18/21	5/18/21	5/18/21	5/18/21	5/18/21	5/18/21
(VOCs)			Sample Depth (fbgs)	0.6 - 0.7	1.2 - 1.4	0.6 - 0.7	1.2 - 1.4	0.6 - 0.7	1.2 - 1.4	0.5 - 0.7	1.2 - 1.3	0.3 - 0.5	1.0 - 1.1	0.4 - 0.6	1.1 - 1.2	0.3 - 0.5	1.0 - 1.2	1.0 - 1.2	1.7 - 1.9	0.4 - 0.6	1.1 - 1.2
		NYSDEC SCOs																			
CHLORINATED ETHANE SERIES	**UNITS**	**UNR**	**IND**																		
1,1,1-Trichloroethane	mg/kg	0.68	1000	< 0.0055	< 0.0053	< 0.0051	< 0.0052	< 0.0054	< 0.0051	< 0.0053	< 0.0048	< 0.0065	< 0.0046	< 0.0054	< 0.0052	< 0.0061	< 0.0055	**0.0019 J**	< 0.0084	**0.0029 J**	**0.011**
1,1-Dichloroethene	mg/kg	0.33	1000	< 0.0055	< 0.0053	< 0.0051	< 0.0052	< 0.0054	< 0.0051	< 0.0053	< 0.0048	< 0.0065	< 0.0046	< 0.0054	< 0.0052	< 0.0061	< 0.0055	< 0.0097	< 0.0084	< 0.0075	< 0.0092
1,1-Dichloroethane	mg/kg	0.27	480	< 0.0055	< 0.0053	< 0.0051	< 0.0052	< 0.0054	< 0.0051	< 0.0053	< 0.0048	< 0.0065	< 0.0046	< 0.0054	< 0.0052	< 0.0061	< 0.0055	< 0.0097	< 0.0084	< 0.0075	< 0.0092
Chloroethane	mg/kg	NA	NA	< 0.0055	< 0.0053	< 0.0051	< 0.0052	< 0.0054	< 0.0051	< 0.0053	< 0.0048	< 0.0065	< 0.0046	< 0.0054	< 0.0052	< 0.0061	< 0.0055	< 0.0097	< 0.0084	< 0.0075	< 0.0092
CHLORINATED ETHENE SERIES																					
Tetrachloroethene	mg/kg	1.3	300	< 0.0055	< 0.0053	< 0.0051	**0.00058 J**	< 0.0054	< 0.0051	< 0.0053	< 0.0048	< 0.0065	< 0.0046	< 0.0054	< 0.0052	< 0.0061	< 0.0055	< 0.0097 R	< 0.0084	< 0.0075	< 0.0092 J
Trichloroethene	mg/kg	0.47	400	< 0.0055	< 0.0053	**0.00094 J**	**0.00091 J**	< 0.0054	< 0.0051	< 0.0053	< 0.0048	**0.015**	< 0.0046	**0.0025 J**	**0.00072 J**	< 0.0061	< 0.0055	**0.0032 J**	< 0.0084	**0.026**	**0.052**
cis-1,2-Dichloroethene	mg/kg	0.25	1000	< 0.0055	< 0.0053	< 0.0051	< 0.0052	< 0.0054	< 0.0051	< 0.0053	< 0.0048	< 0.0065	< 0.0046	< 0.0054	< 0.0052	< 0.0061	< 0.0055	< 0.0097	< 0.0084	< 0.0075	< 0.0092
Vinyl chloride	mg/kg	0.02	27	< 0.0055	< 0.0053	< 0.0051	< 0.0052	< 0.0054	< 0.0051	< 0.0053	< 0.0048	< 0.0065	< 0.0046	< 0.0054	< 0.0052	< 0.0061	< 0.0055	< 0.0097	< 0.0084	< 0.0075	< 0.0092
FREONS																					
Freon 113	mg/kg	NA	NA	< 0.011	< 0.011	< 0.01	< 0.01	< 0.011	< 0.01	< 0.011	< 0.0097	< 0.013	< 0.0092	< 0.011	< 0.01	< 0.012	< 0.011	< 0.019	< 0.017	< 0.015	< 0.018
Freon 123a	mg/kg	NA	NA	< 0.0055	< 0.0053	< 0.0051	< 0.0052	< 0.0054	< 0.0051	< 0.0053	< 0.0048	< 0.0065	< 0.0046	< 0.0054	< 0.0052	< 0.0061	< 0.0055	< 0.0097	< 0.0084	< 0.0075	< 0.0092
OTHER VOC																					
Methylene chloride (Dichlorometha	mg/kg	NA	NA	< 0.0055	< 0.0053	< 0.0051	< 0.0052	< 0.0054	< 0.0051	< 0.0053	< 0.0048	< 0.0065	< 0.0046	< 0.0054	< 0.0052	< 0.0061	< 0.0055	**0.0041 J**	< 0.0084	< 0.0075	< 0.0092

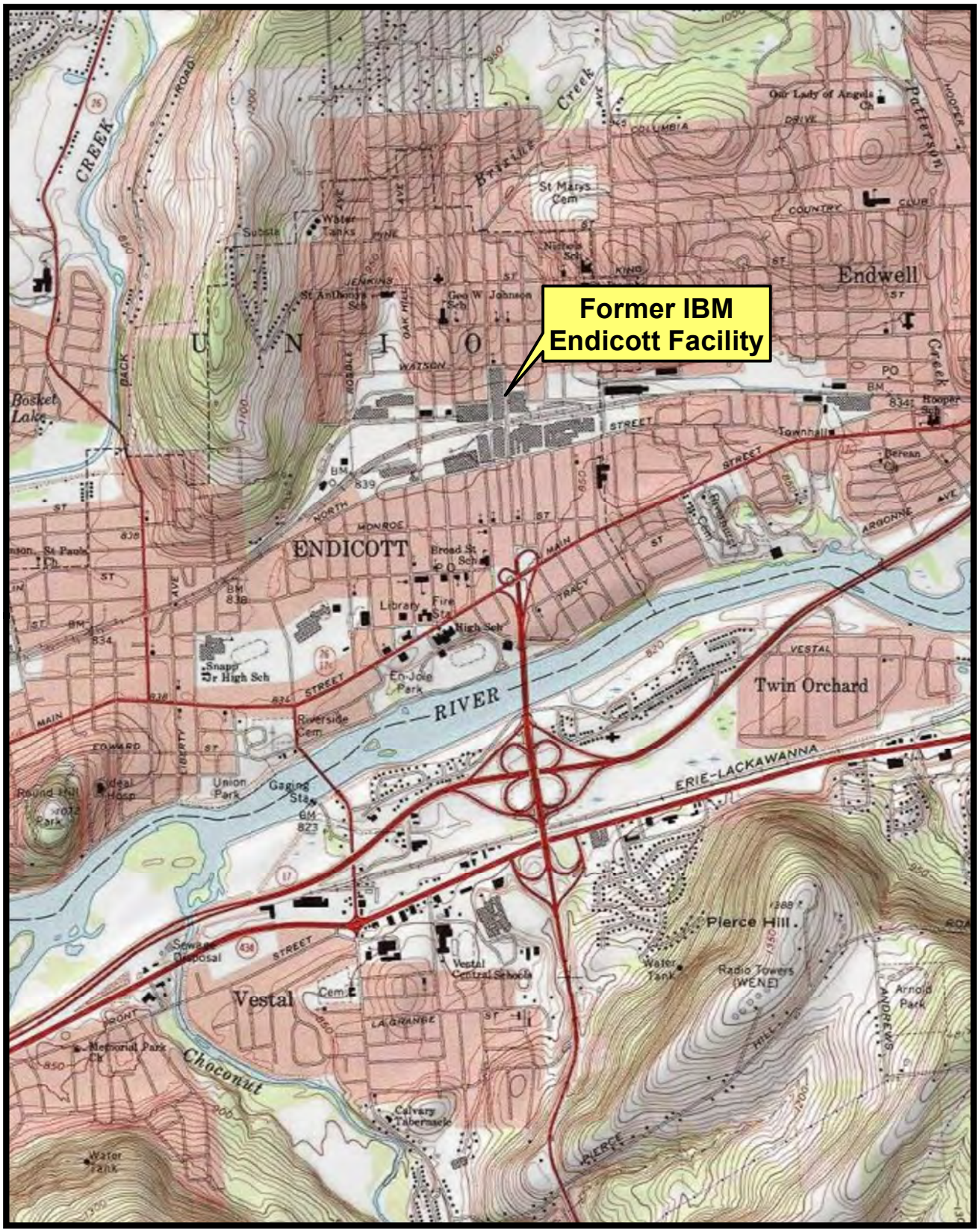
KEY:
UNR - Unrestricted
IND - Industrial
NA - Not Applicable
J - Value or associated reporting limit (for non-detects) is estimated
R - Rejected value due to outlying internal standard (IS) recovery

Table 2 - Volatile Organic Compound Analysis Data
Shallow Soil Sampling in Operable Units 1 and 2
Former IBM Endicott Facility, Endicott, New York

VOLATILE ORGANIC COMPOUNDS (VOCs)		Sample ID	SS-55A	SS-55B	SS-56A	SS-56B	SS-57A	SS-57B	SS-58A	SS-58B	SS-59A	SS-59B	SS-60A	SS-60B	SS-61A	SS-61B	SS-62A	SS-62B	SS-63A	SS-63B
		Sample Date	5/18/21	5/18/21	5/18/21	5/18/21	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021	5/18/2021
		Sample Depth (fbgs)	0.3 - 0.5	1.0 - 1.2	0.2 - 0.3	0.8 - 1.0	0.3 - 0.5	1.0 - 1.1	0.3 - 0.5	1.0 - 1.1	0.7 - 0.9	1.4 - 1.5	0.5 - 0.7	1.2 - 1.3	1.0 - 1.2	1.3 - 1.4	0.3 - 0.5	1.0 - 1.1	0.9 - 1.1	1.6 - 1.7
		NYSDEC SCOs																		
CHLORINATED ETHANE SERIES	**UNITS**	**UNR**	**IND**																	
1,1,1-Trichloroethane	mg/kg	0.68	1000	**0.0025 J**	**0.031**	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32	< 0.005	< 0.24	< 0.0073	< 0.0054	< 0.0069	< 0.0049
1,1-Dichloroethene	mg/kg	0.33	1000	< 0.0053	< 0.0067	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32	< 0.005	< 0.24	< 0.0073	< 0.0054	< 0.0069	< 0.0049
1,1-Dichloroethane	mg/kg	0.27	480	**0.00059 J**	**0.0011 J**	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32	< 0.005	< 0.24	< 0.0073	**0.0014 J**	< 0.0069	< 0.0049
Chloroethane	mg/kg	NA	NA	< 0.0053	< 0.0067	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32	< 0.005	< 0.24	< 0.0073	< 0.0054	< 0.0069	< 0.0049
CHLORINATED ETHENE SERIES																				
Tetrachloroethene	mg/kg	1.3	300	< 0.0053	< 0.0067	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32	< 0.005	< 0.24	< 0.0073	< 0.0054	< 0.0069	< 0.0049
Trichloroethene	mg/kg	0.47	400	**0.0054**	**0.011**	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32	< 0.005	< 0.24	**0.0086**	**0.0029 J**	**0.0013 J**	**0.00054 J**
cis-1,2-Dichloroethene	mg/kg	0.25	1000	< 0.0053	< 0.0067	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32	< 0.005	< 0.24	< 0.0073	< 0.0054	< 0.0069	< 0.0049
Vinyl chloride	mg/kg	0.02	27	< 0.0053	< 0.0067	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32 J	< 0.005	< 0.24 J	< 0.0073	< 0.0054	< 0.0069	< 0.0049
FREONS																				
Freon 113	mg/kg	NA	NA	< 0.011	< 0.013	< 0.012	< 0.01	< 0.012	< 0.012	< 0.013	< 0.011	< 0.011	< 0.01	< 0.014	< 0.63	< 0.0099	< 0.49	< 0.015	< 0.011	< 0.014	< 0.0099
Freon 123a	mg/kg	NA	NA	< 0.0053	< 0.0067	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32	< 0.005	< 0.24	< 0.0073	< 0.0054	< 0.0069	< 0.0049
OTHER VOC																				
Methylene chloride	mg/kg	NA	NA	< 0.0053	< 0.0067	< 0.0058	< 0.0052	< 0.006	< 0.006	< 0.0066	< 0.0057	< 0.0054	< 0.005	< 0.0068	< 0.32	< 0.005	< 0.24	< 0.0073	< 0.0054	< 0.0069	< 0.0049

VOLATILE ORGANIC COMPOUNDS (VOCs)		Sample ID	SS-64A	SS-64B	SS-65A	SS-65B	SS-66A	SS-66B	SS-67A	SS-67B
		Sample Date	5/18/2021	5/18/2021	5/18/21	5/18/21	5/18/21	5/18/21	5/17/21	5/17/21
		Sample Depth (fbgs)	0.4 - 0.5	1.0 - 1.2	0.3 - 0.4	0.9 - 1.1	0.4 - 0.6	1.1 - 1.2	0.4 - 0.6	1.1 - 1.3
		NYSDEC SCOs								
CHLORINATED ETHANE SERIES	**UNITS**	**UNR**	**IND**							
1,1,1-Trichloroethane	mg/kg	0.68	1000	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	< 0.0047
1,1-Dichloroethene	mg/kg	0.33	1000	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	< 0.0047
1,1-Dichloroethane	mg/kg	0.27	480	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	< 0.0047
Chloroethane	mg/kg	NA	NA	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	< 0.0047
CHLORINATED ETHENE SERIES										
Tetrachloroethene	mg/kg	1.3	300	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	< 0.0047
Trichloroethene	mg/kg	0.47	400	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	< 0.0047
cis-1,2-Dichloroethene	mg/kg	0.25	1000	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	< 0.0047
Vinyl chloride	mg/kg	0.02	27	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	< 0.0047
FREONS										
Freon 113	mg/kg	NA	NA	< 0.011	< 0.011	< 0.011	< 0.01	< 0.012	< 0.011	< 0.011	< 0.0094
Freon 123a	mg/kg	NA	NA	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	< 0.0047
OTHER VOC										
Methylene chloride (Dichlorometha	mg/kg	NA	NA	< 0.0054	< 0.0054	< 0.0056	< 0.005	< 0.006	< 0.0054	< 0.0057	**0.0044 J**

KEY:
UNR - Unrestricted
IND - Industrial
NA - Not Applicable
J - Value or associated reporting limit (for non-detects) is estimated
R - Rejected value due to outlying internal standard (IS) recovery



Portion of the Endicott, NY
USGS 7.5-Minute Quadrangle

Figure 1-1

Former IBM Endicott Facility
Site #704014

Site Location Map

GROUNDWATER SCIENCES CORPORATION

Y:\22000\22007\GIS\Projects\2019 Annual\Fig1-1_SiteLocTopo.mxd • 3/12/2020

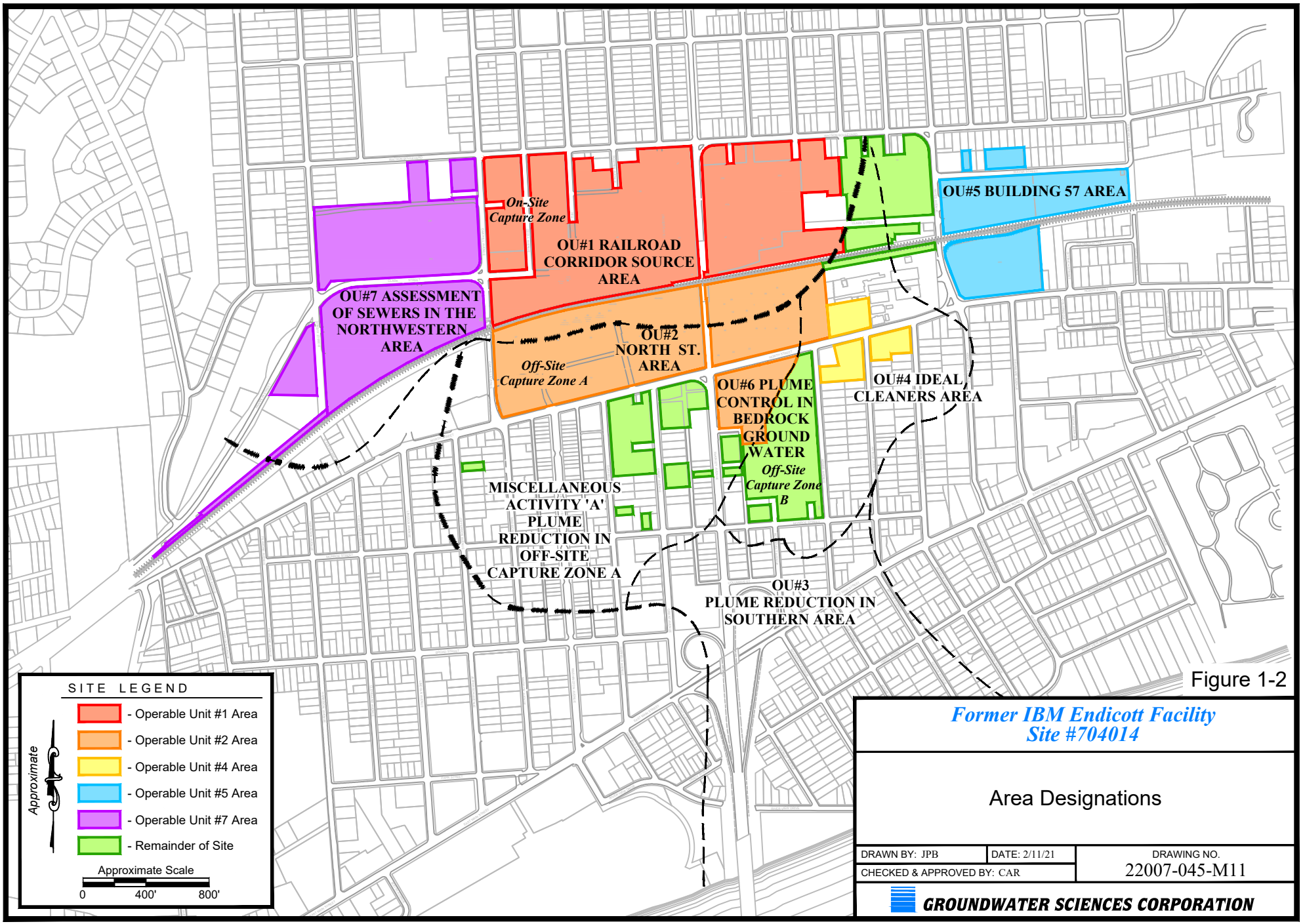


Figure 1-2

Former IBM Endicott Facility
Site #704014

Area Designations

DRAWN BY: JPB	DATE: 2/11/21	DRAWING NO. 22007-045-M11
CHECKED & APPROVED BY: CAR		

GROUNDWATER SCIENCES CORPORATION

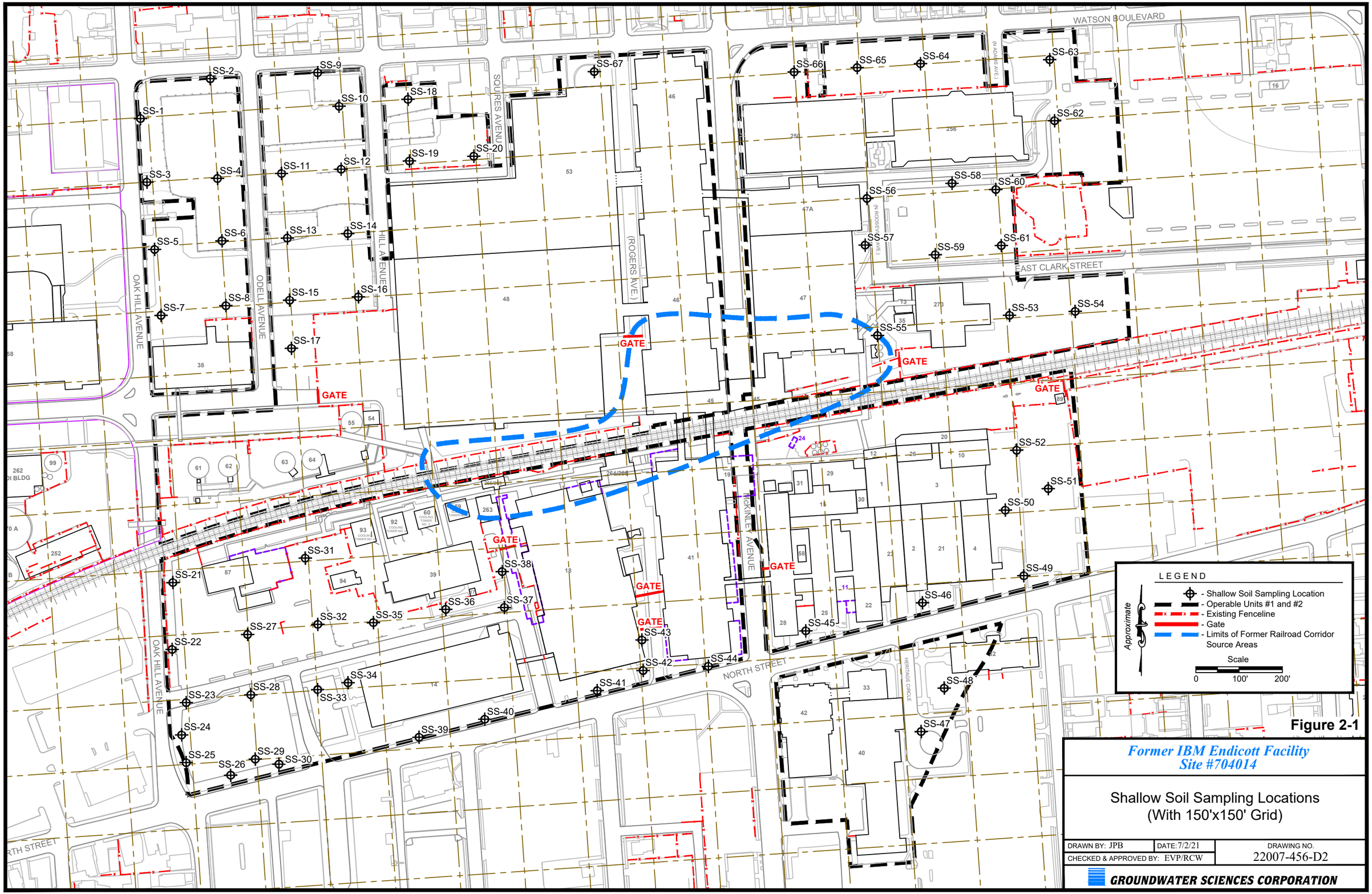


Figure 2-1

Former IBM Endicott Facility
Site #704014

Shallow Soil Sampling Locations
(With 150'x150' Grid)

DRAWN BY: JPB	DATE: 7/2/21	DRAWING NO. 22007-456-D2
CHECKED & APPROVED BY: EVP/RCW		

GROUNDWATER SCIENCES CORPORATION

SS-1
SS-2
SS-3
SS-4
SS-5
SS-6
SS-7
SS-8
SS-9
SS-10
SS-11
SS-12
SS-13
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SS-67

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GATE

LEGEND

- Shallow Soil Sampling Location
- Operable Units #1 and #2
- Existing Fenceline
- Gate
- Limits of Former Railroad Corridor Source Areas

Approximate

Scale

0 100' 200'

Figure 2-2

Former IBM Endicott Facility
Site #704014

Shallow Soil Sampling Locations
(With 2018 Aerial and 150'x150' Grid)

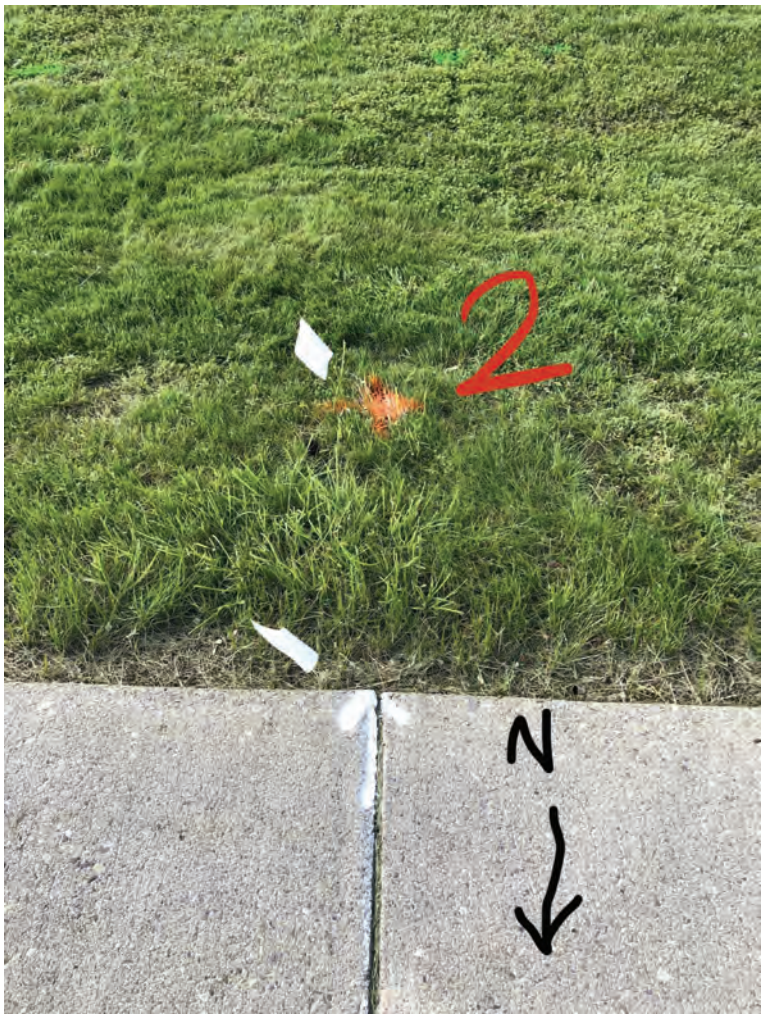
DRAWN BY: JPB	DATE:7/2/21	DRAWING NO.
CHECKED & APPROVED BY: EVP/RCW		22007-456-D1

GROUNDWATER SCIENCES CORPORATION

APPENDIX A

Photographs of Shallow Soil Sampling Locations


1
N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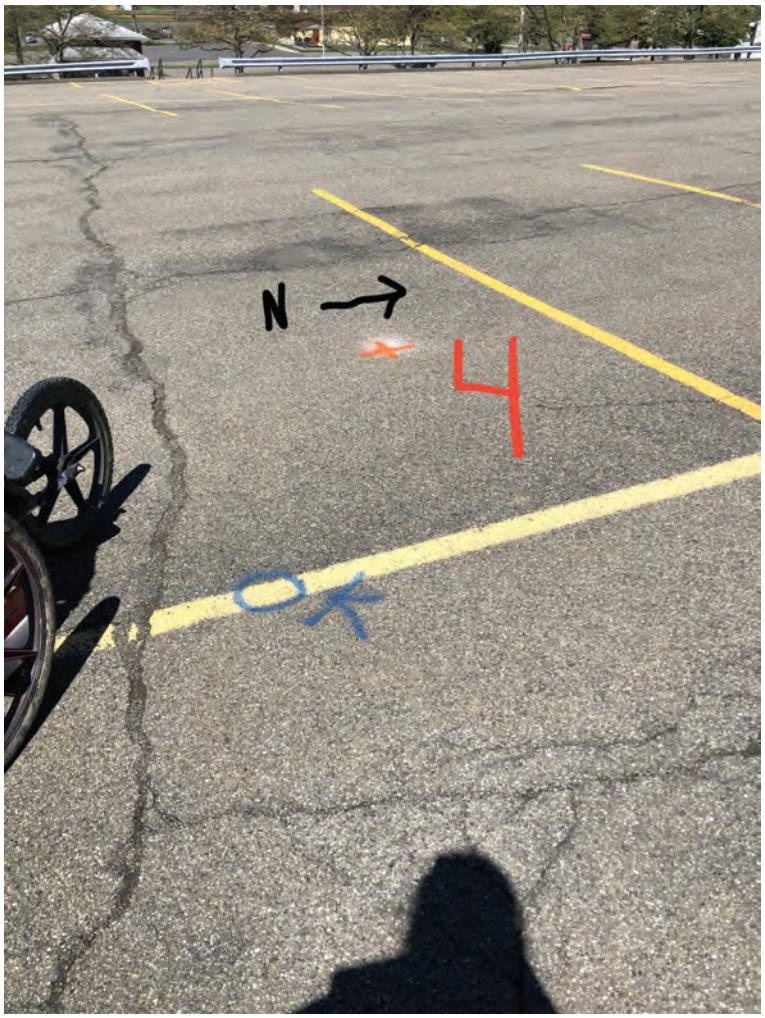
3
OK
N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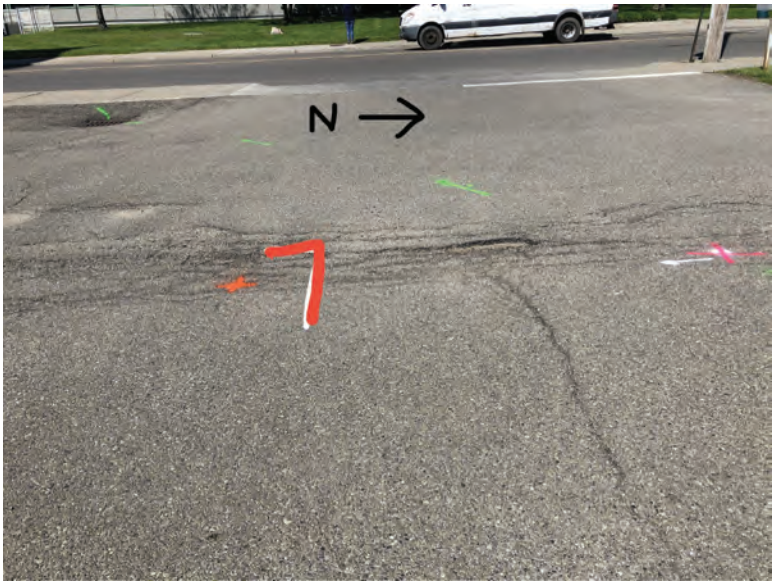
N
5


N
6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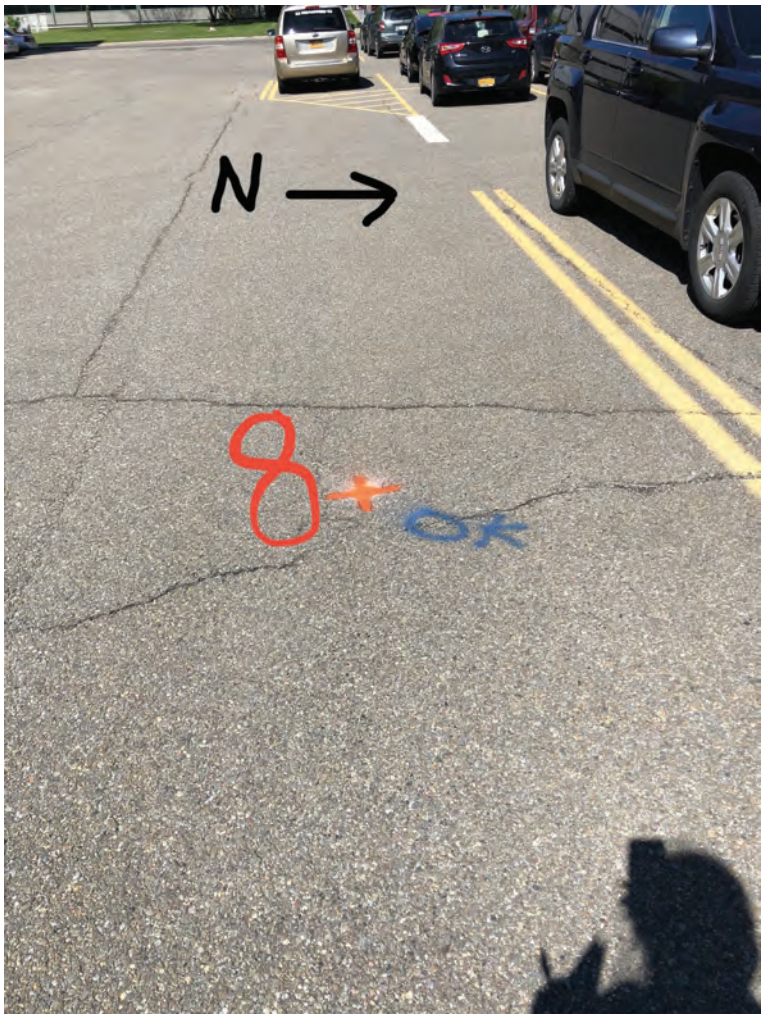
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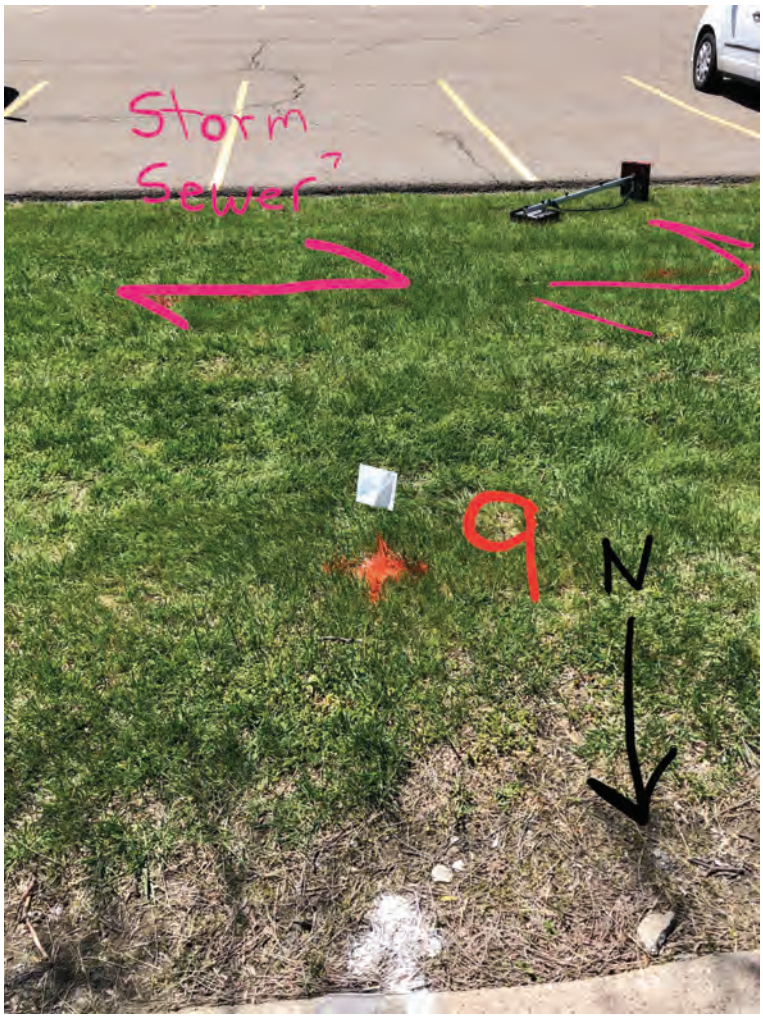
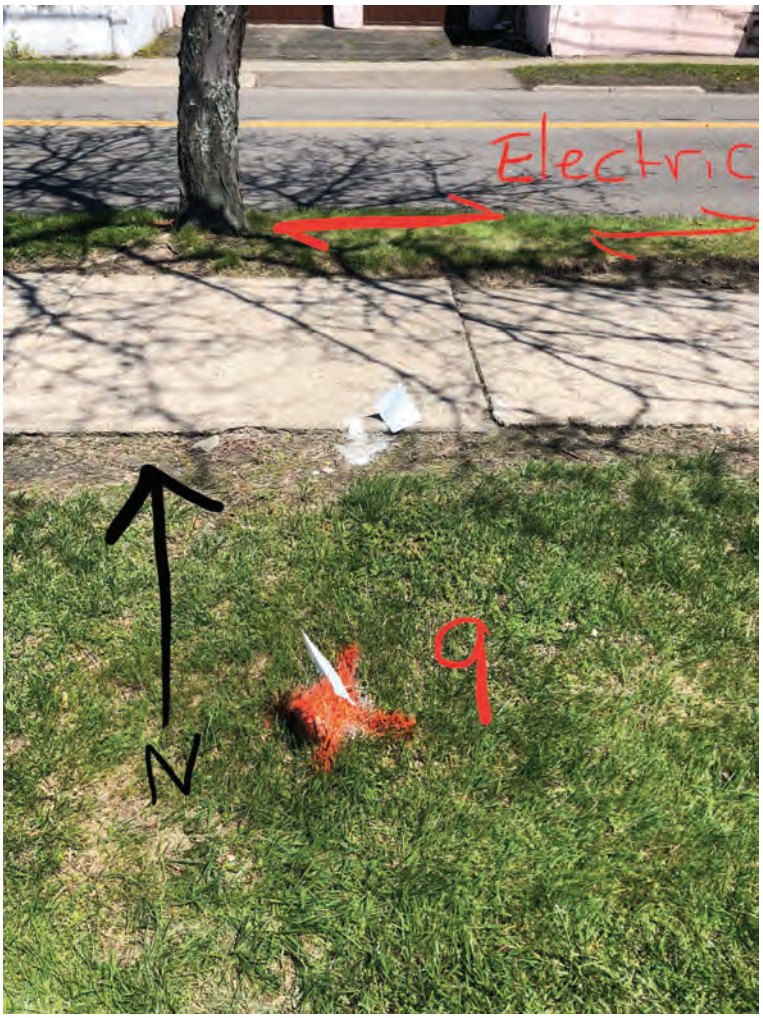
ok


Storm
Sewer
9
N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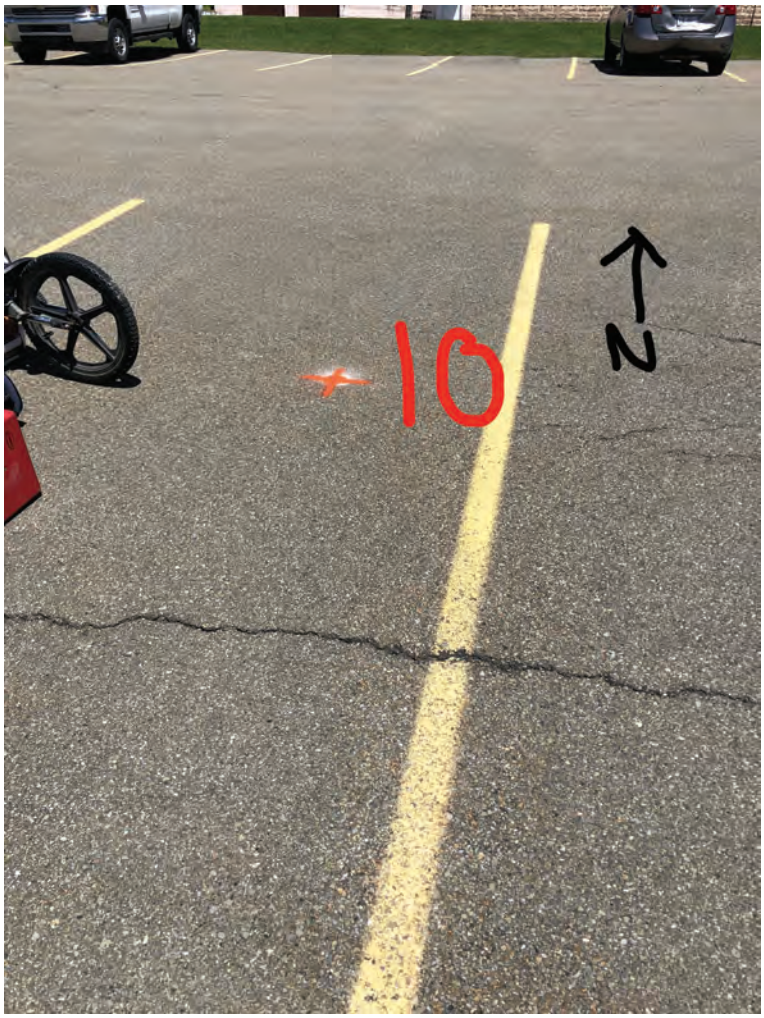
9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11
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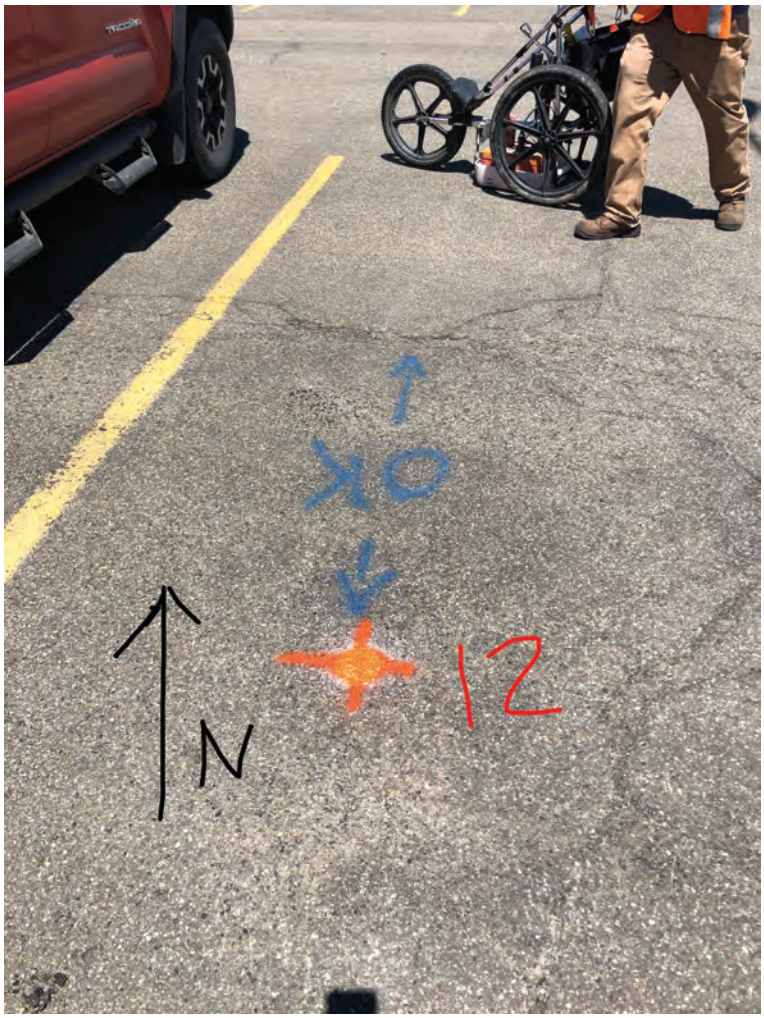
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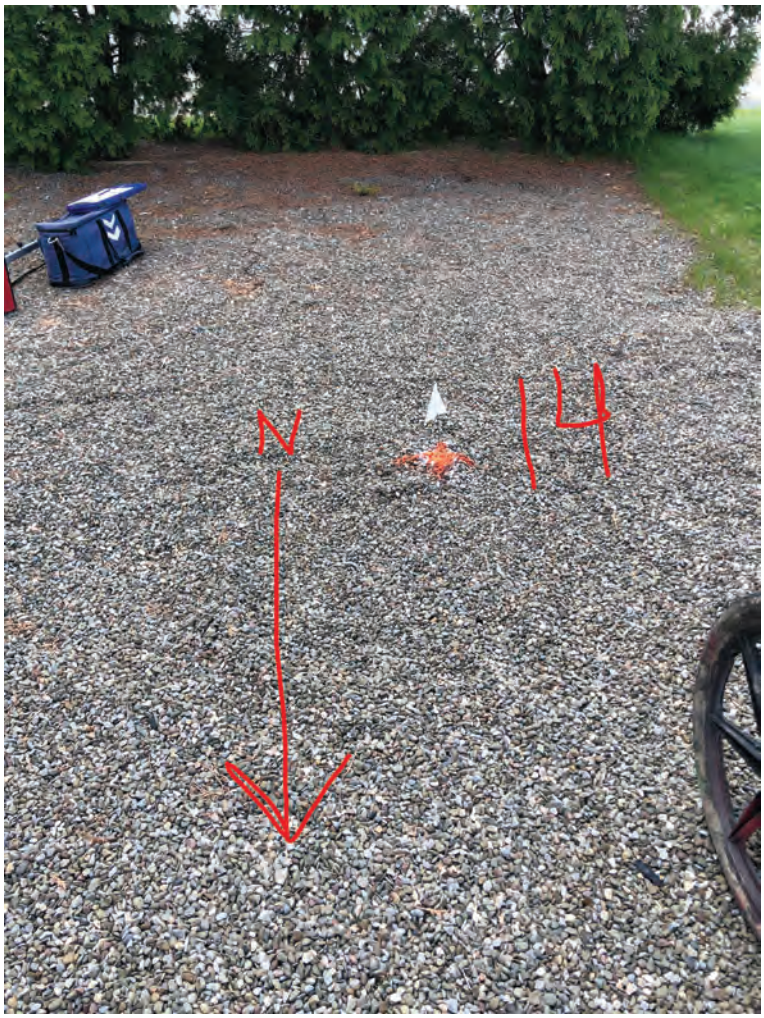
N
12


N
13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15
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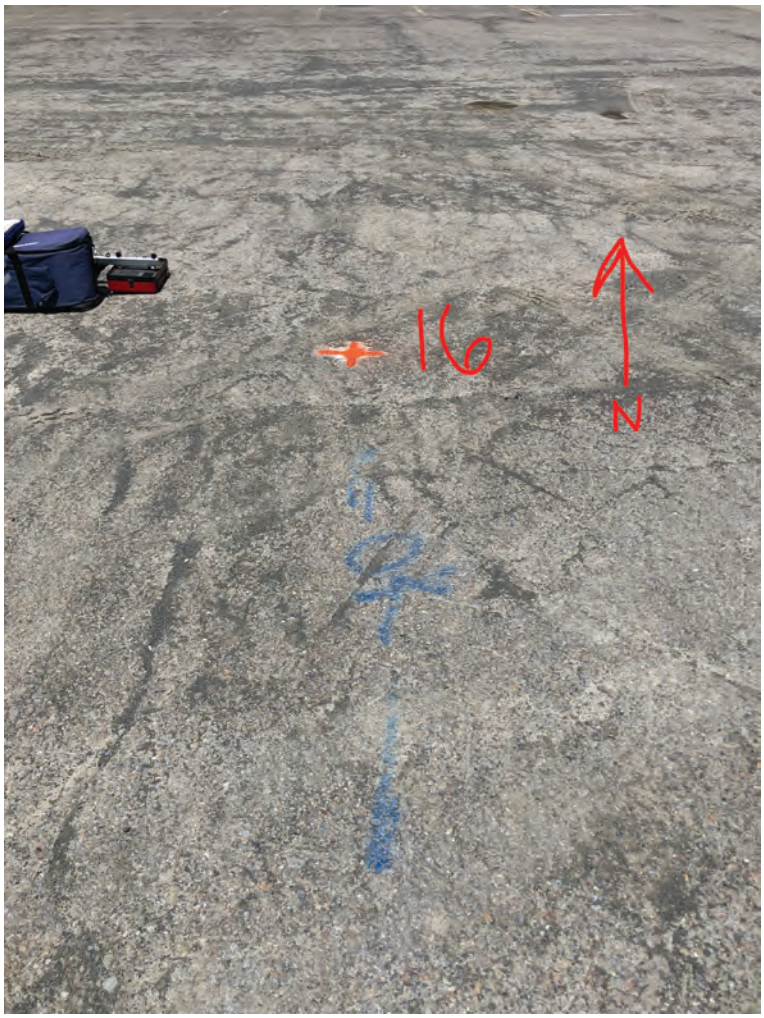
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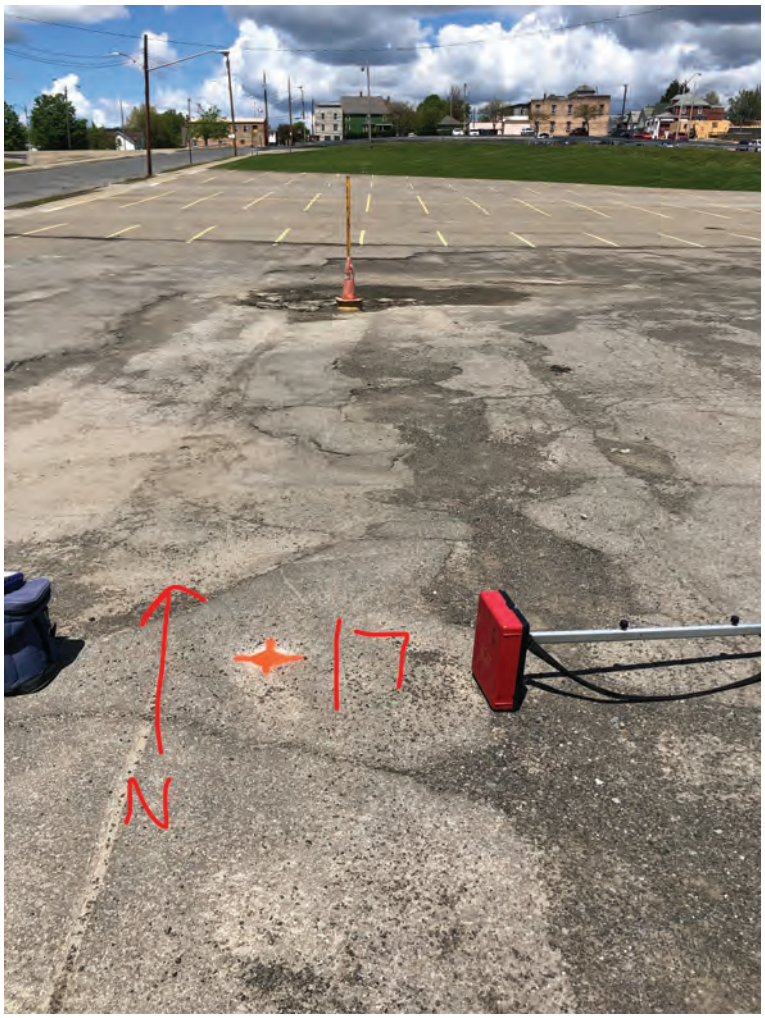
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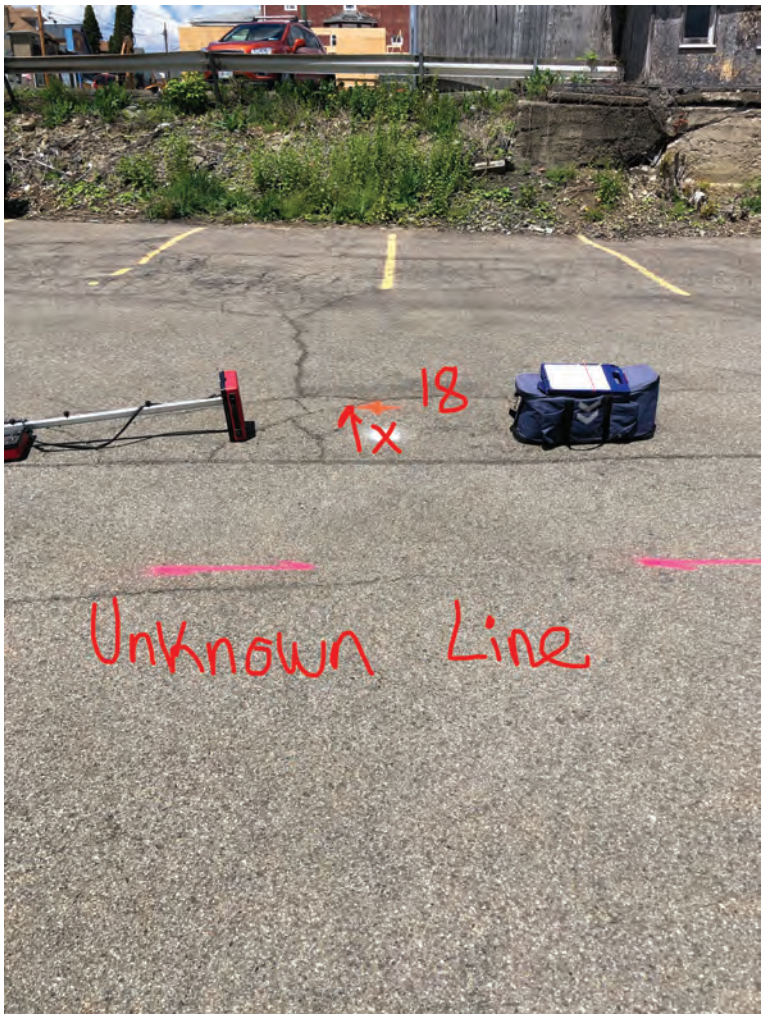
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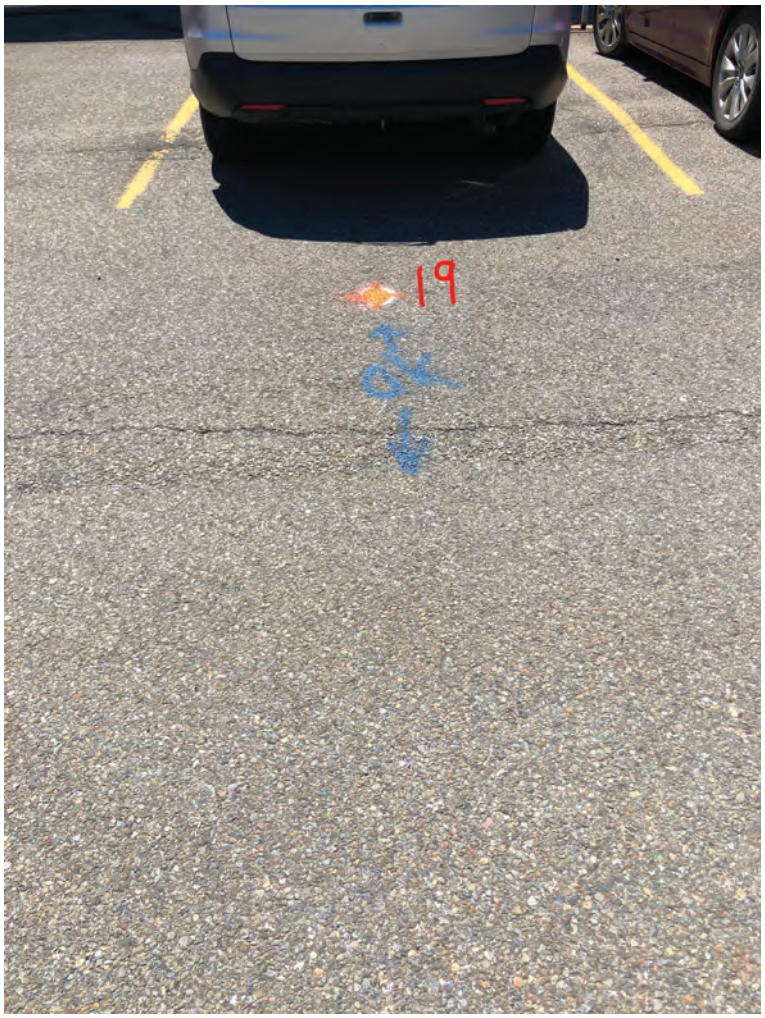
Unknown Line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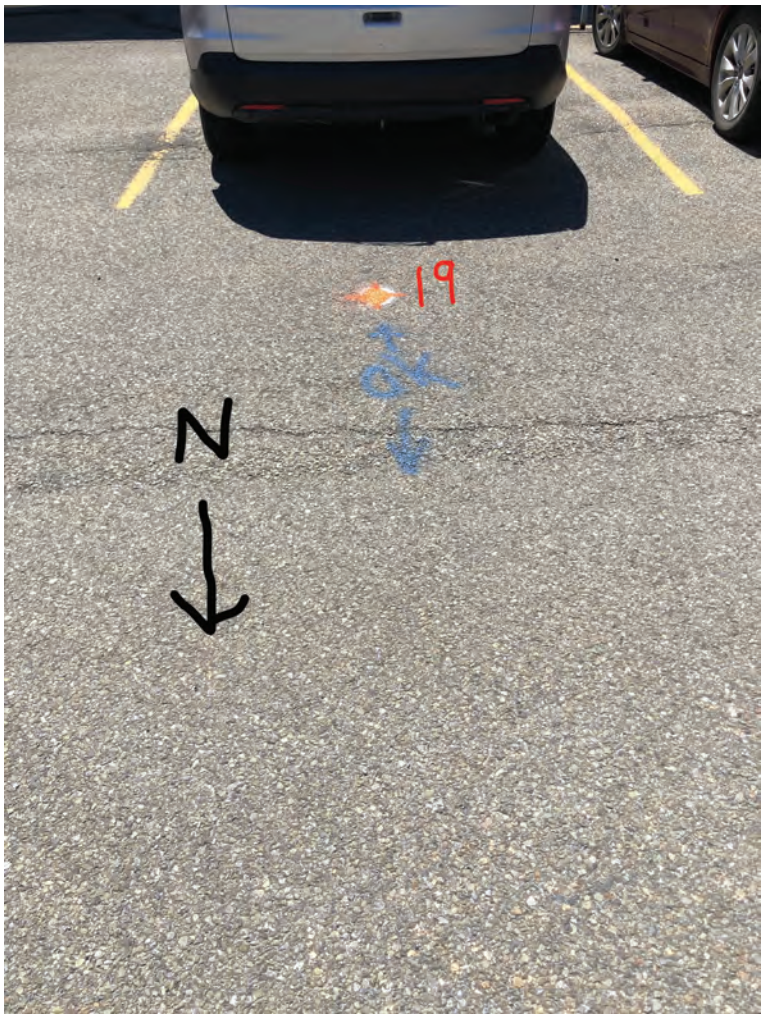
19
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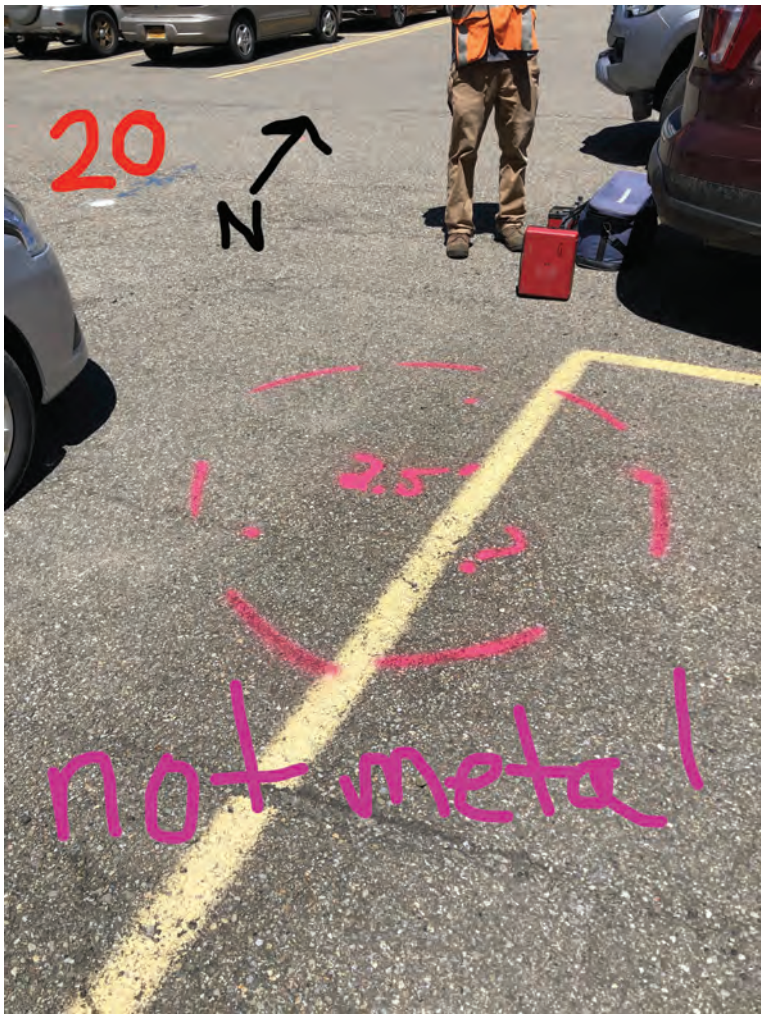
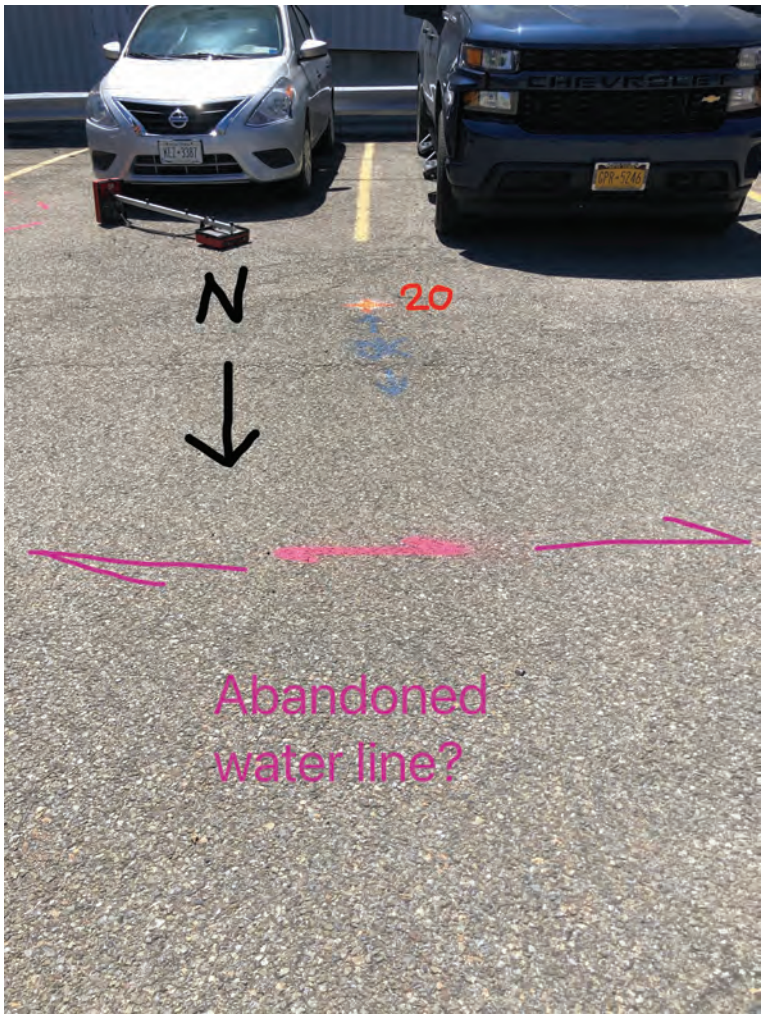
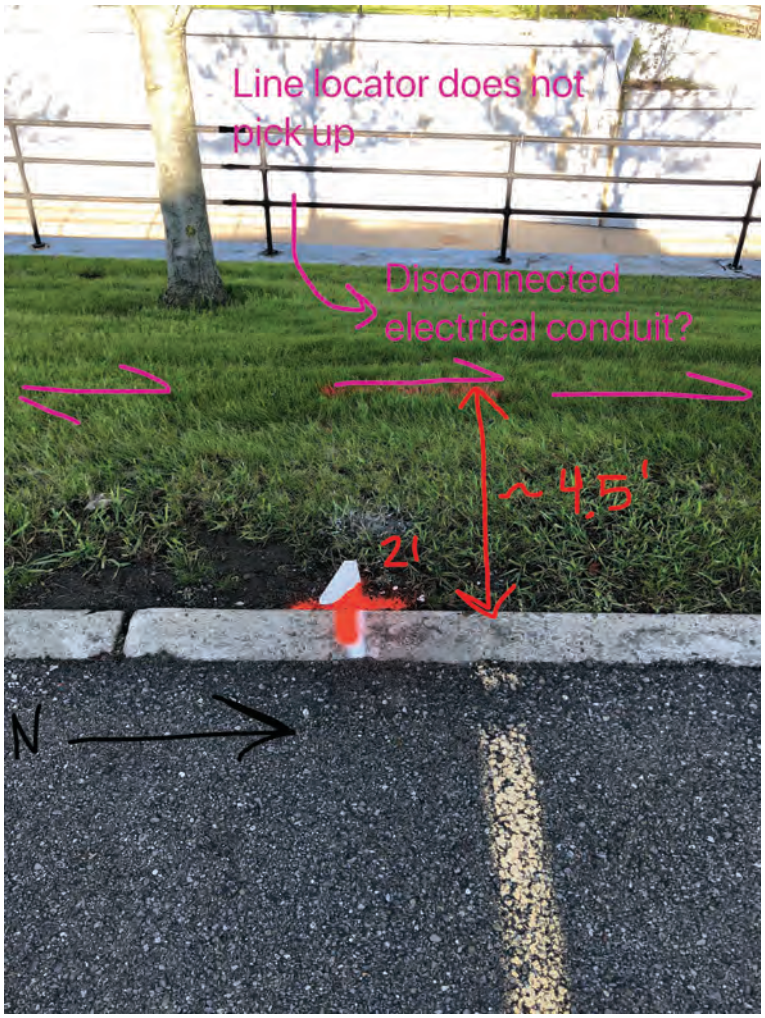
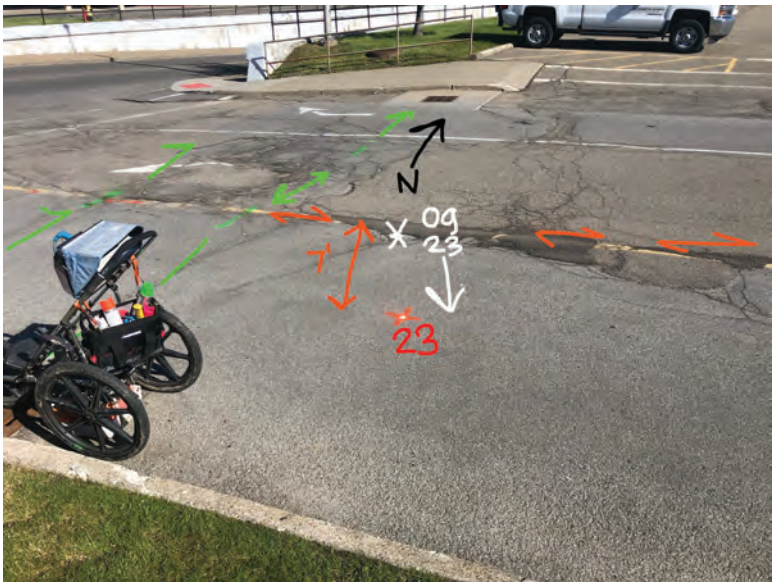
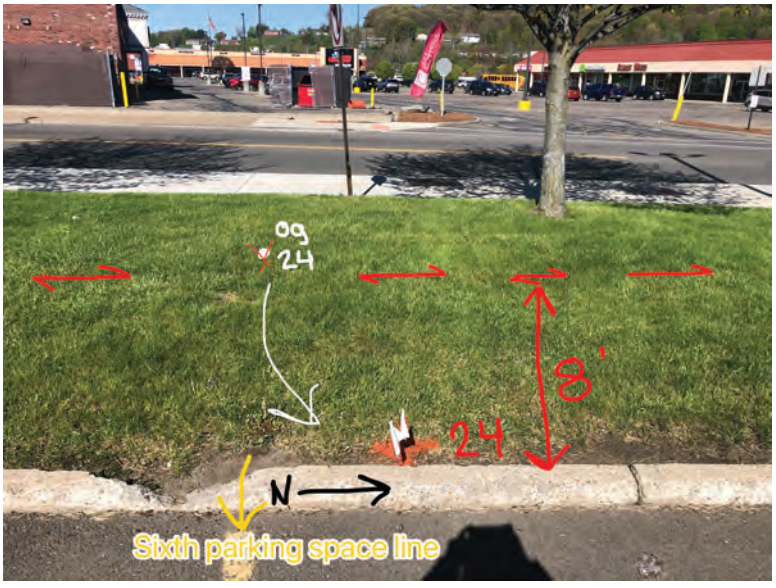

20
N
not metal

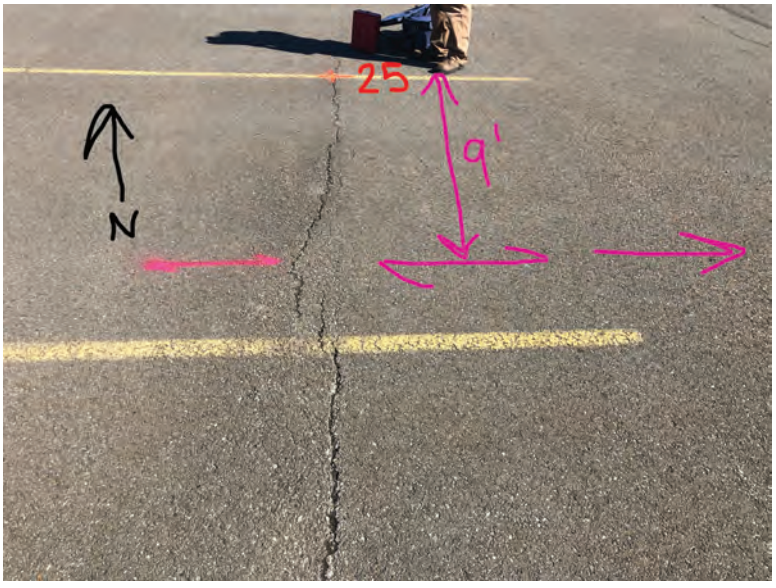

N
20
Abandoned
water line?


Line locator does not
pick up
Disconnected
electrical conduit?
~4.5'
21
N


Concrete
22
N

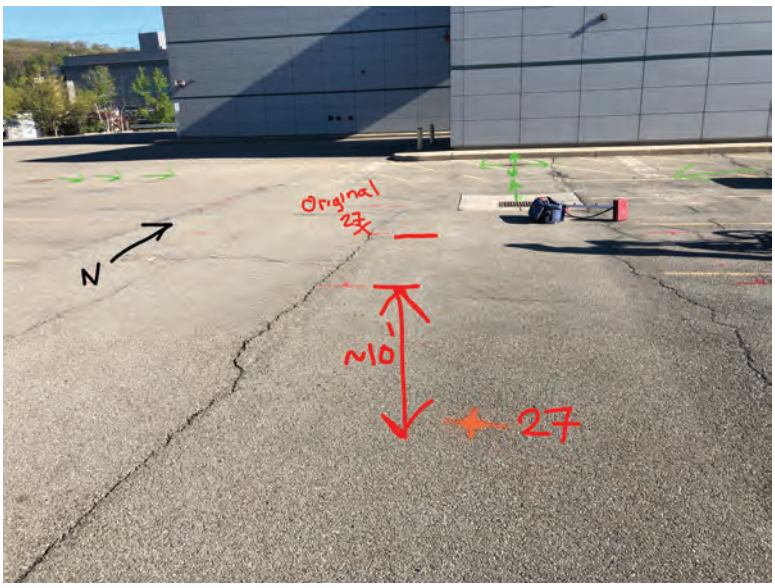

N
09
23
7'
23

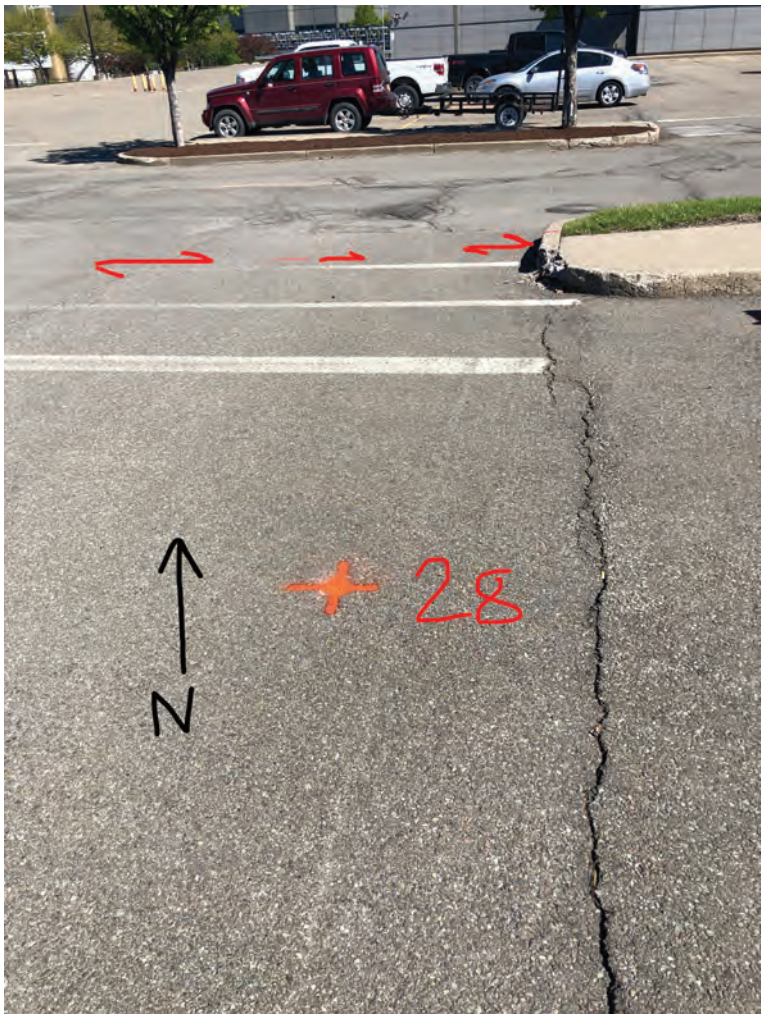

09
24
8'
24
N
Sixth parking space line


25
9'
N

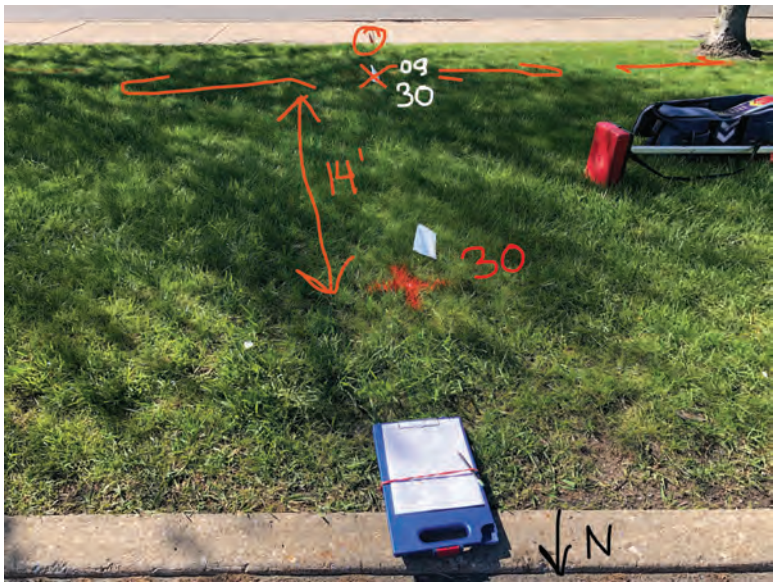

BURIED
BLE
X26
09

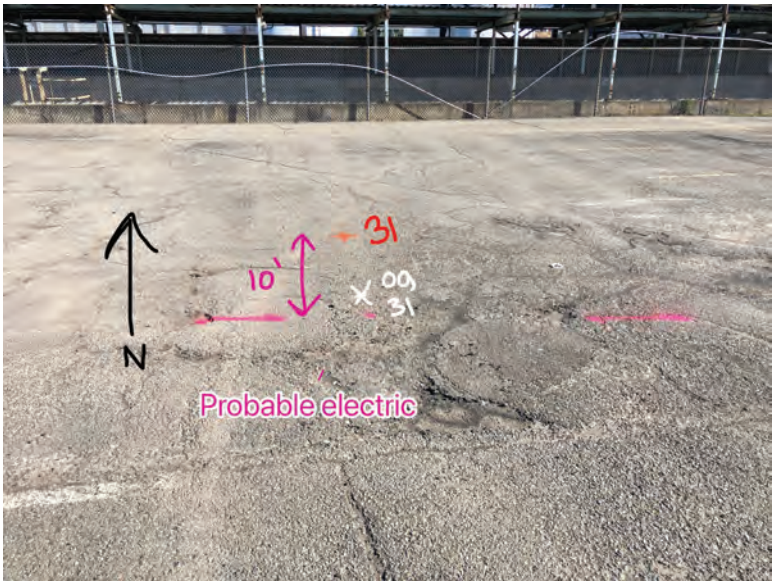

8672
boost
Now Open Sunday
CROWN FRIED CHICKEN
09
X26
14'
N
26

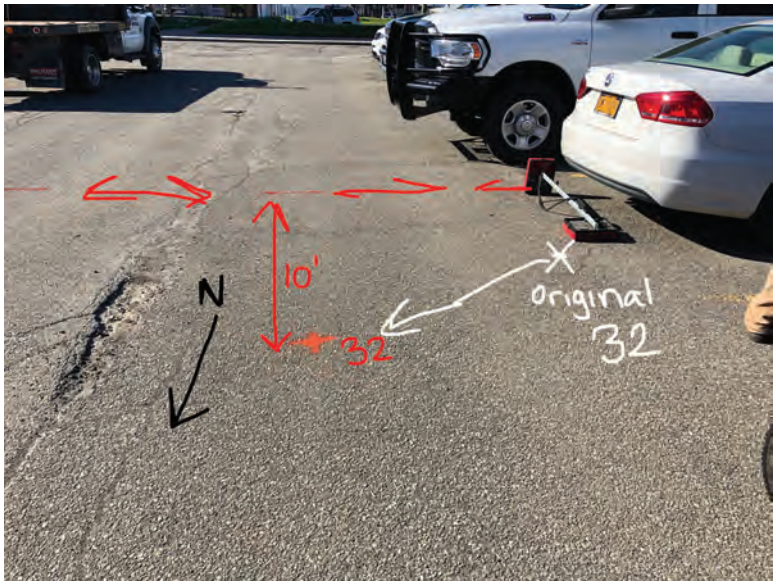

Original
27
N
10'
27

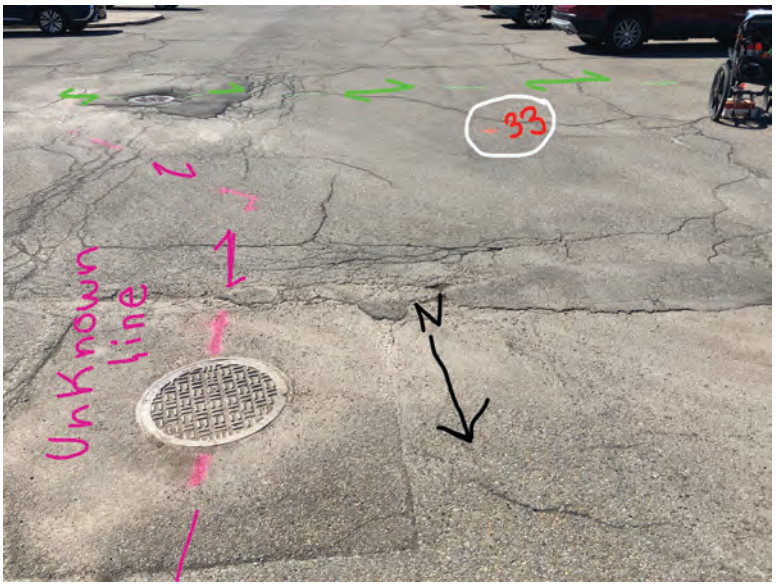

N
28

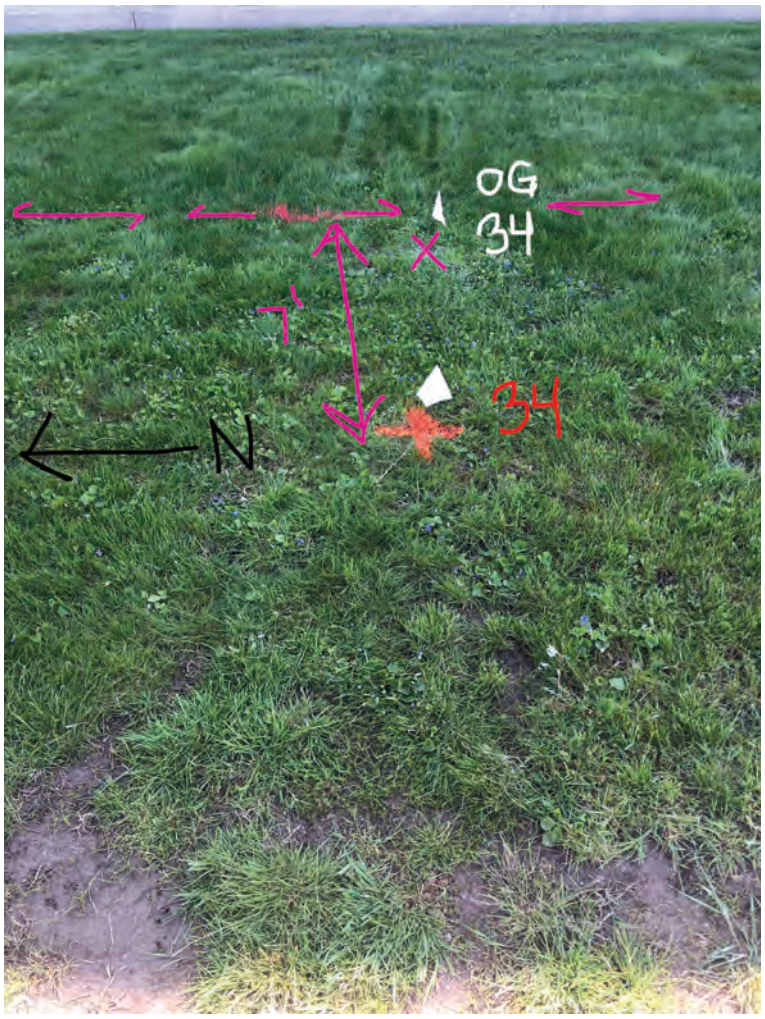

29
N

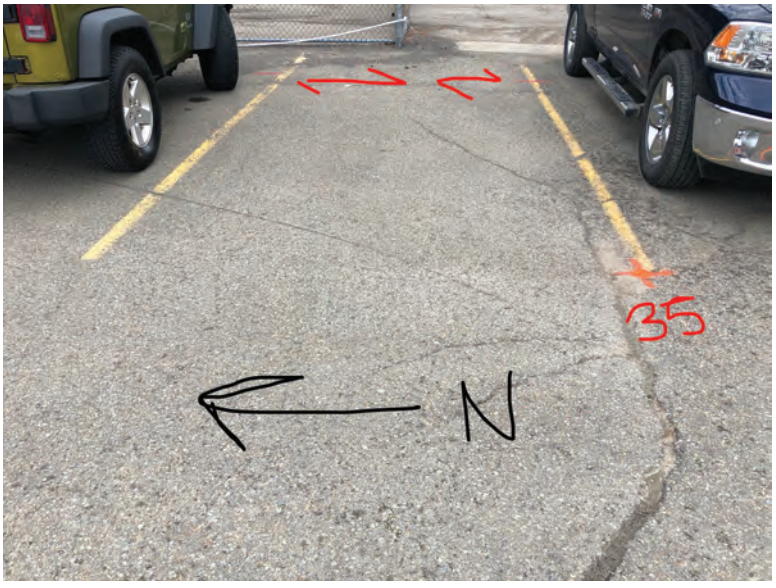

09
30
14'
30
N

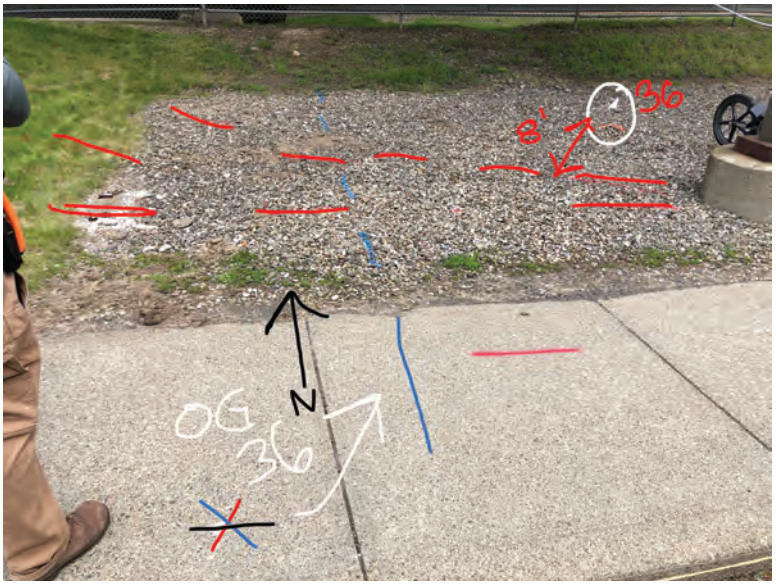

N
31
10'
09
31
Probable electric

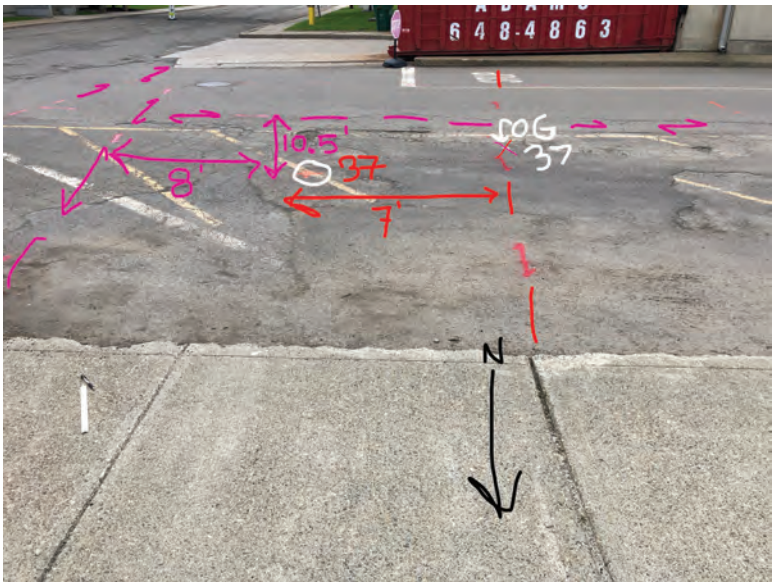

10'
N
original
32
32


33
Unknown line
N

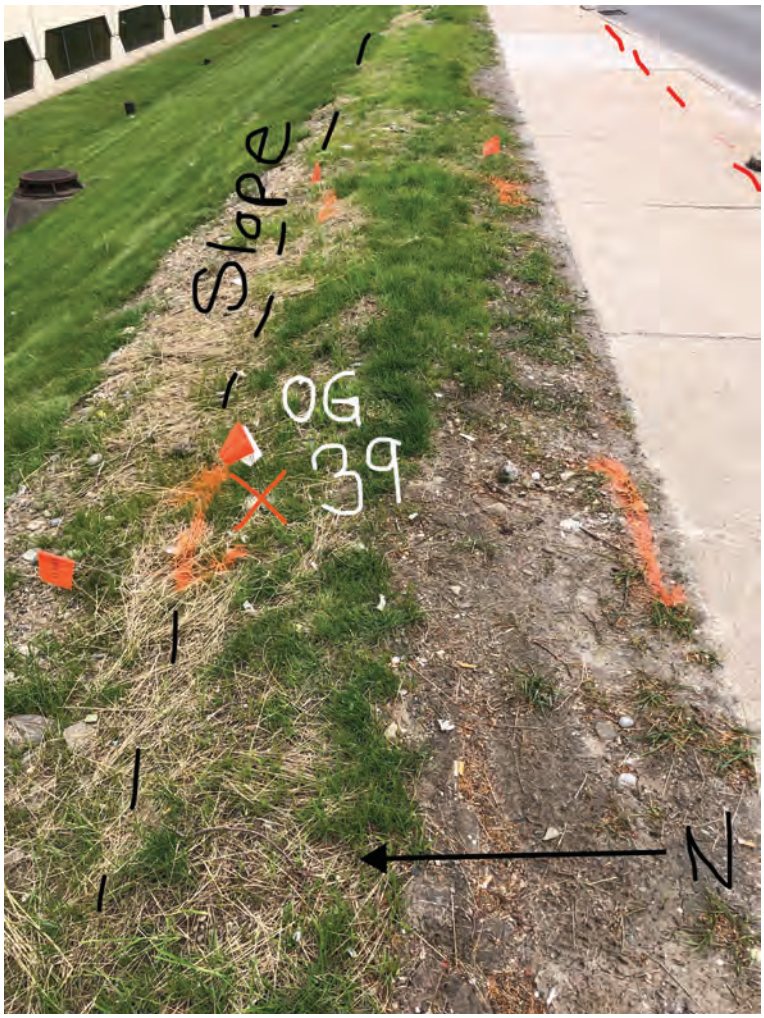

OG
34
7'
34
N


35
N

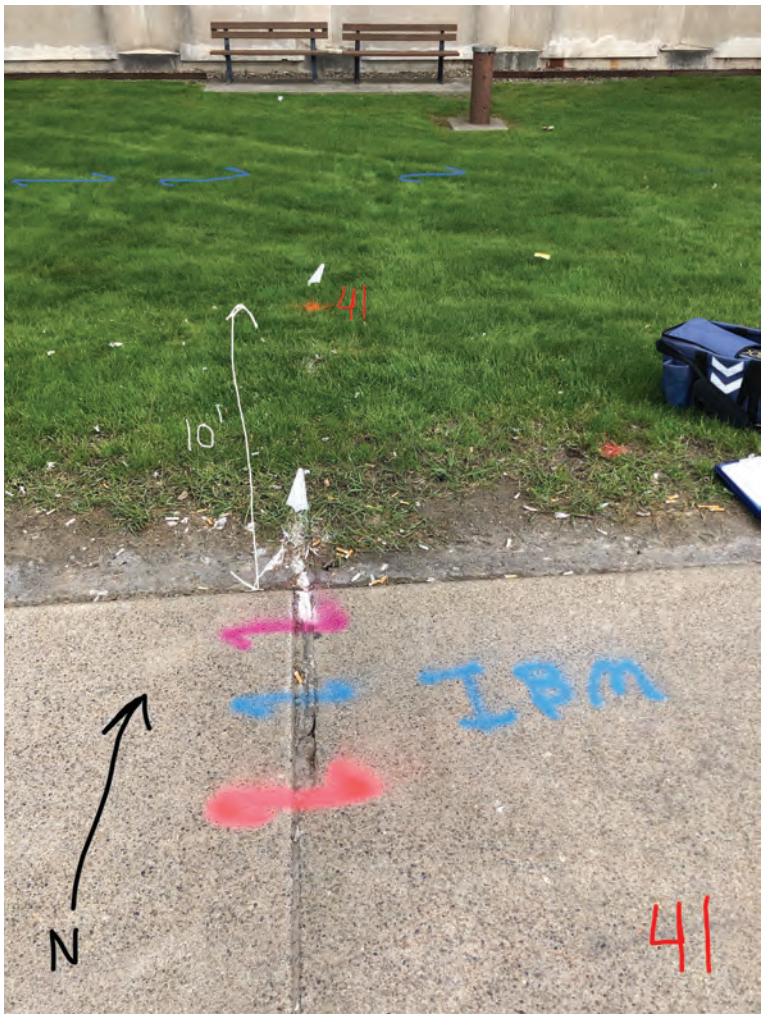

36
8'
N
OG
36

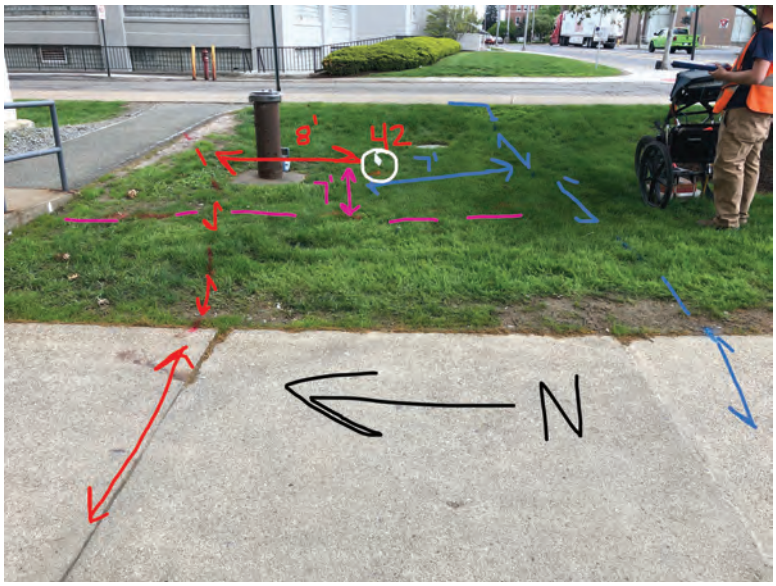

648-4863
10.5'
8'
37
7'
OG
37
N

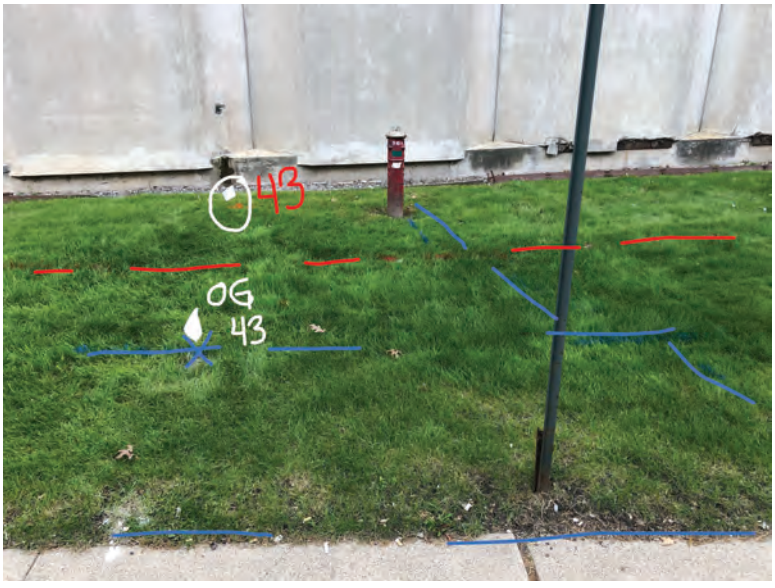

N

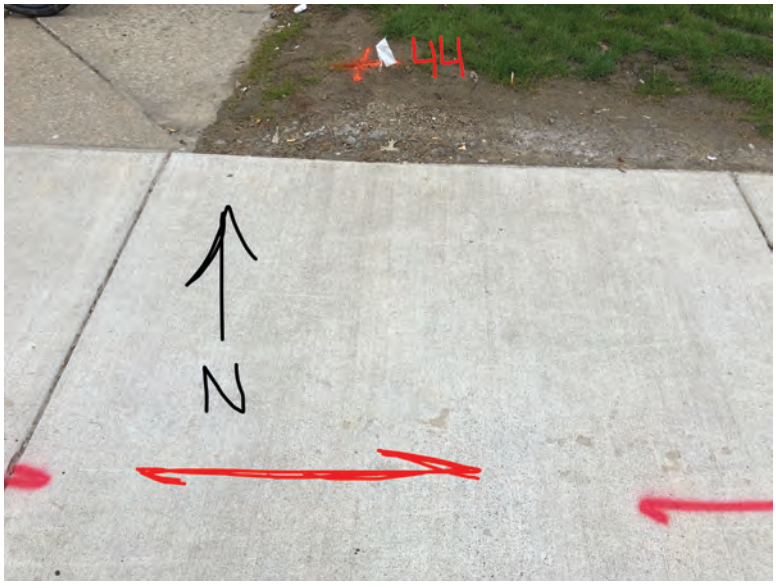

Slope
OG
39
N

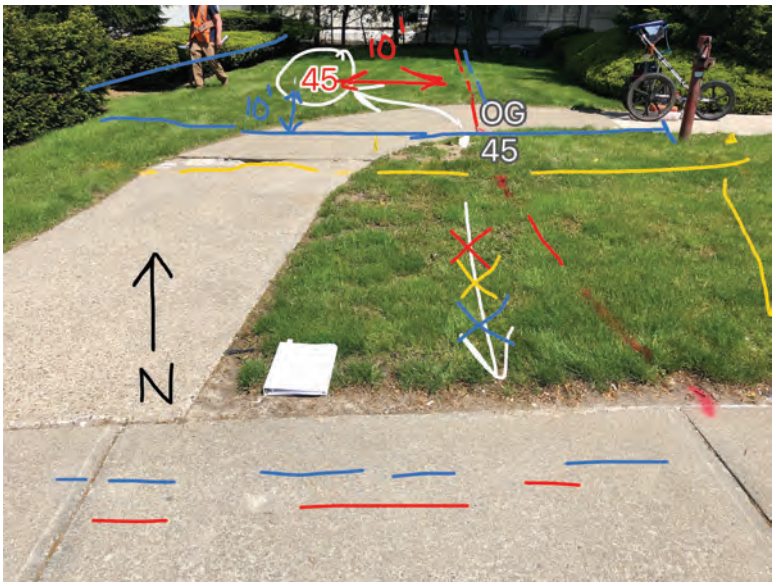

40
Start of slope
Electric


41
10'
IBM
N
41

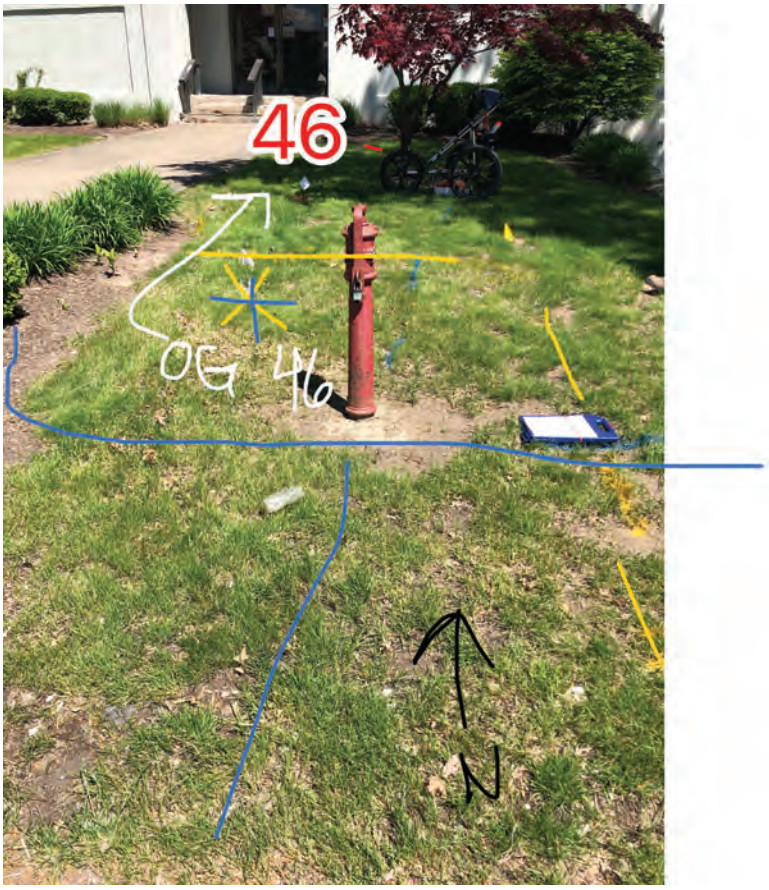

9'
42
7'
N

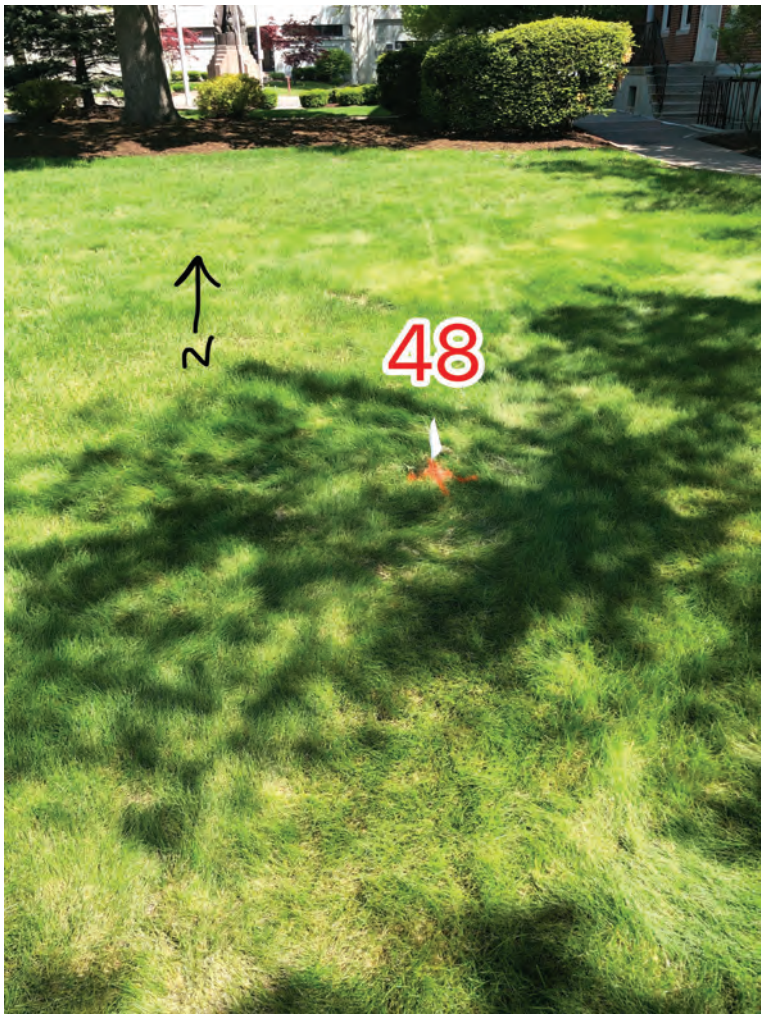

43
OG
43

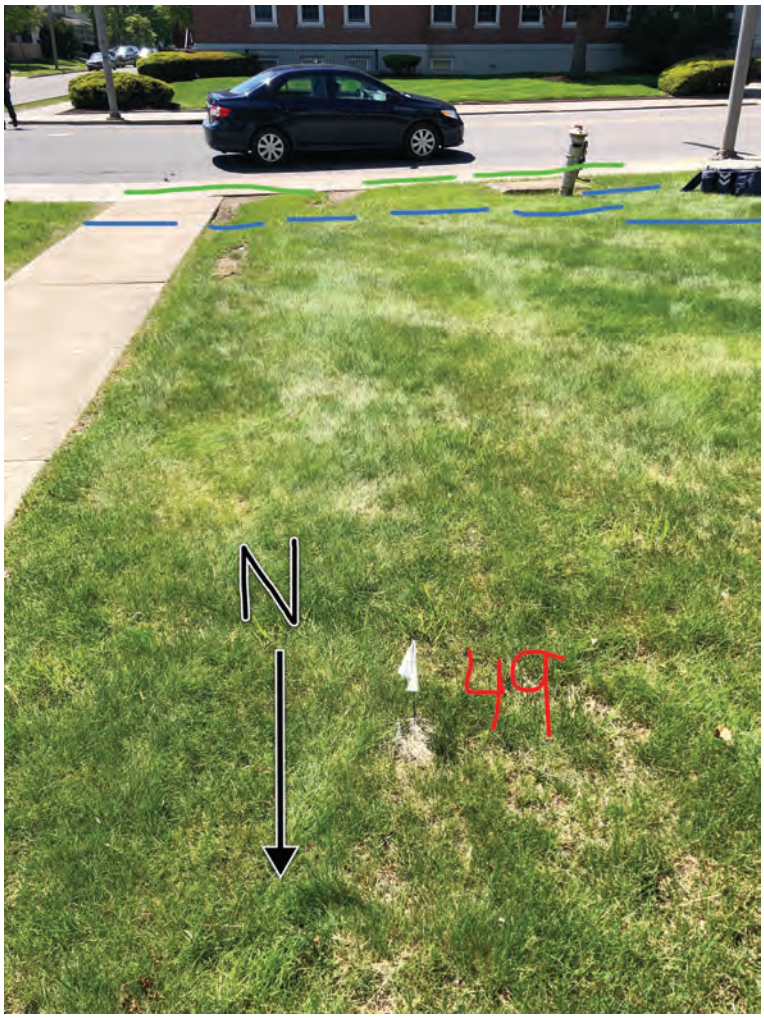

44
N

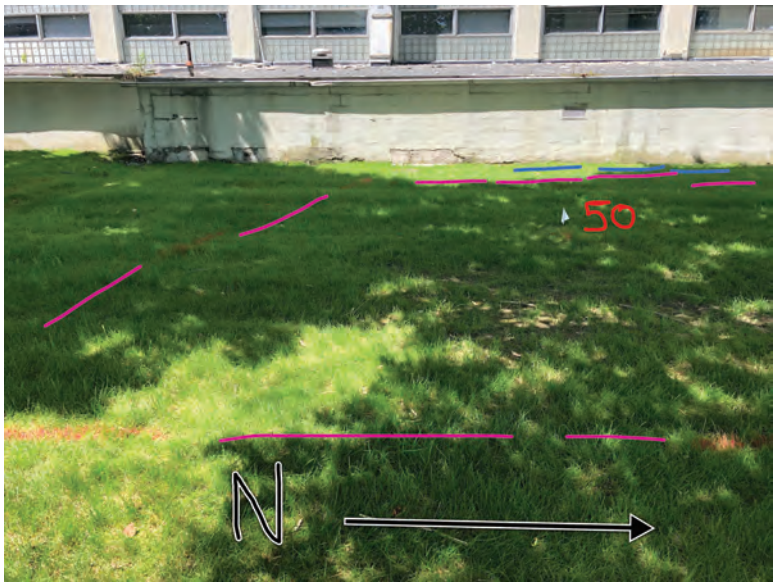

10'
45
10'
OG
45
N

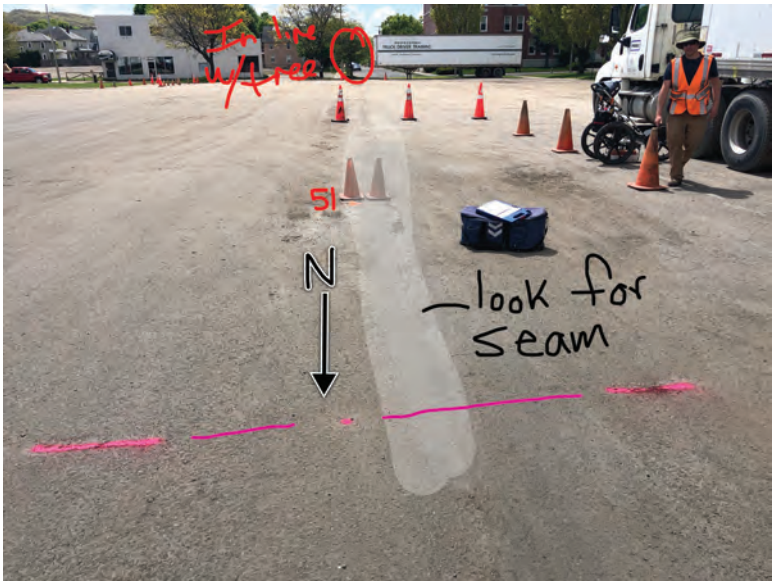

45
N

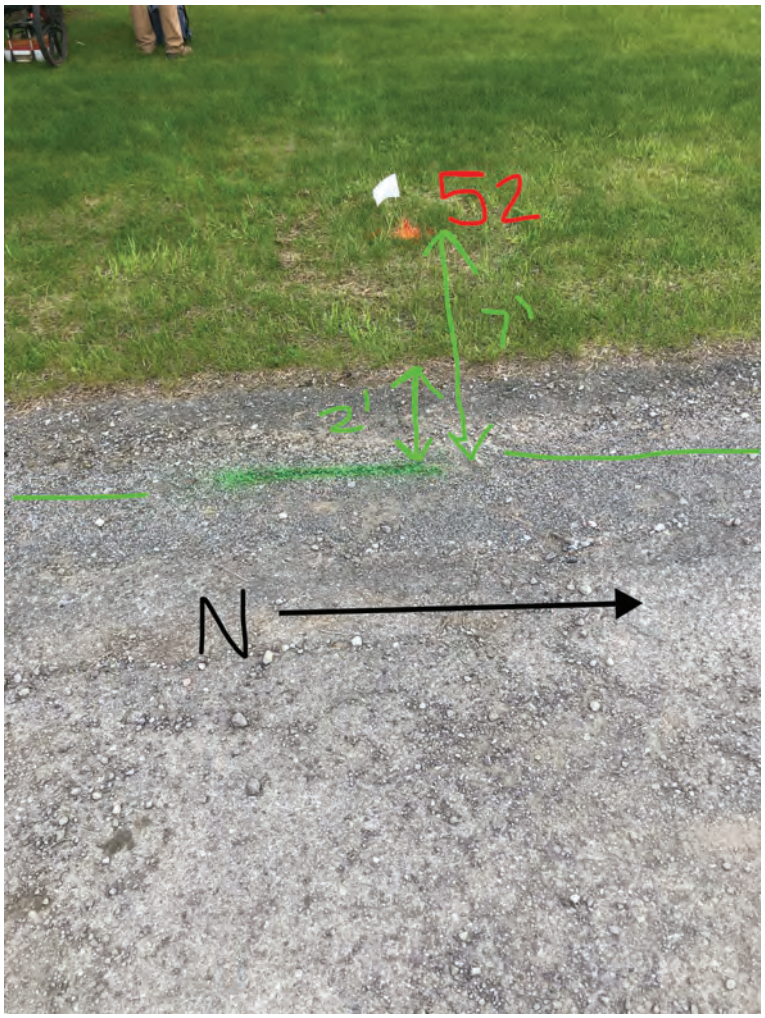

46
OG 46
N

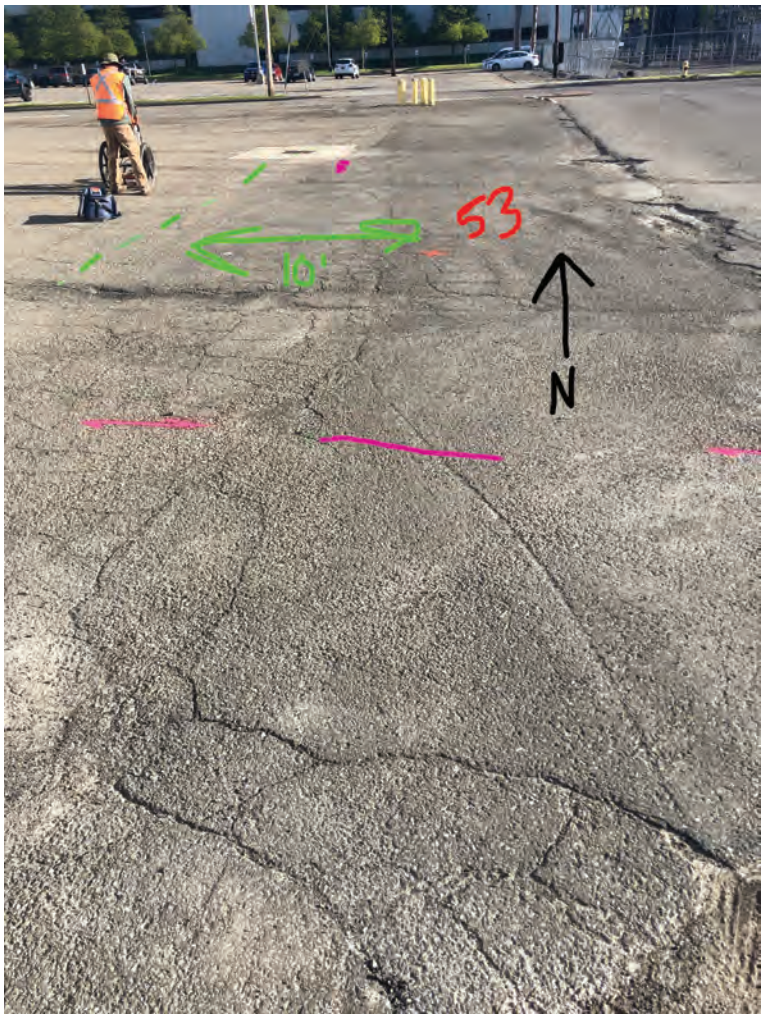

N
48


N
49

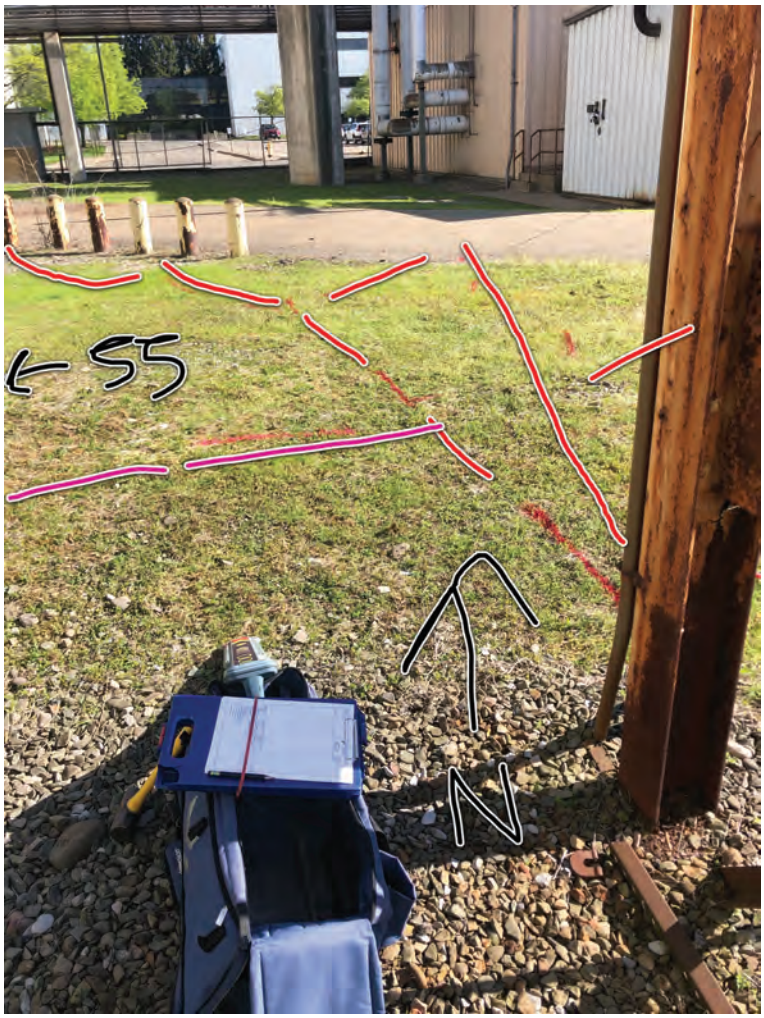

50
N

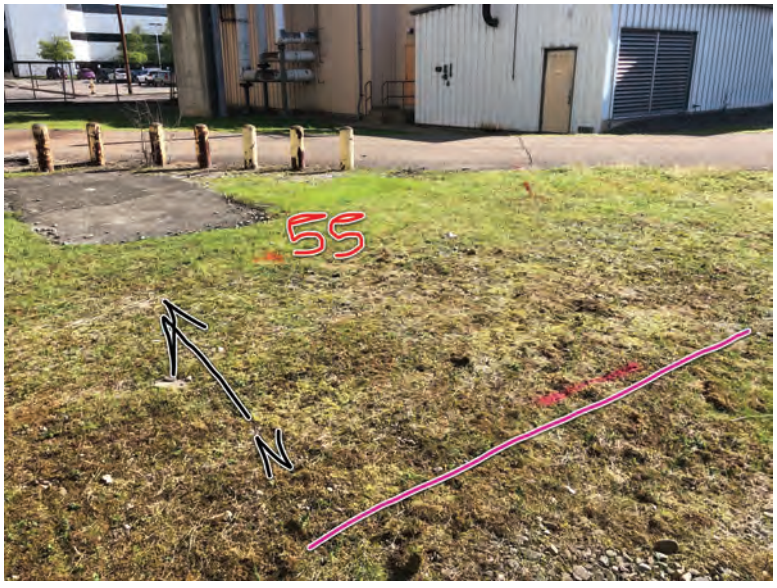

In line w/tree
51
N
look for seam

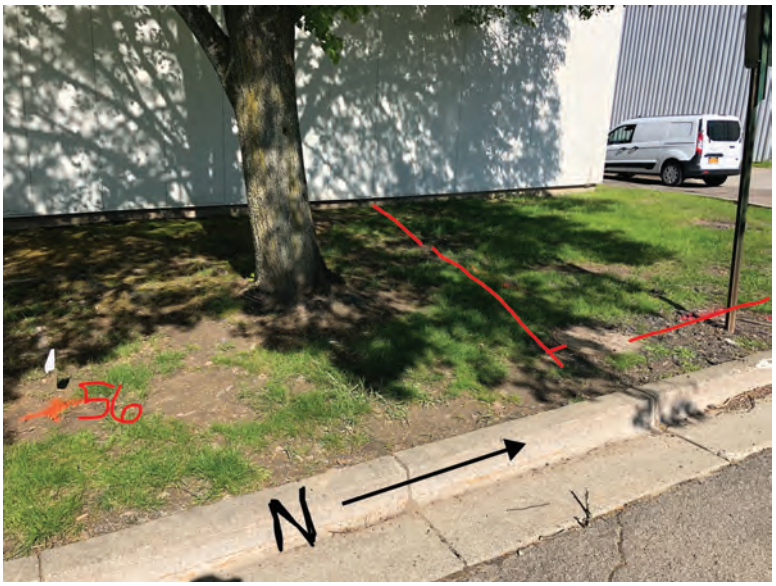

52
7'
2'
N


53
10'
N


54
N


55
N

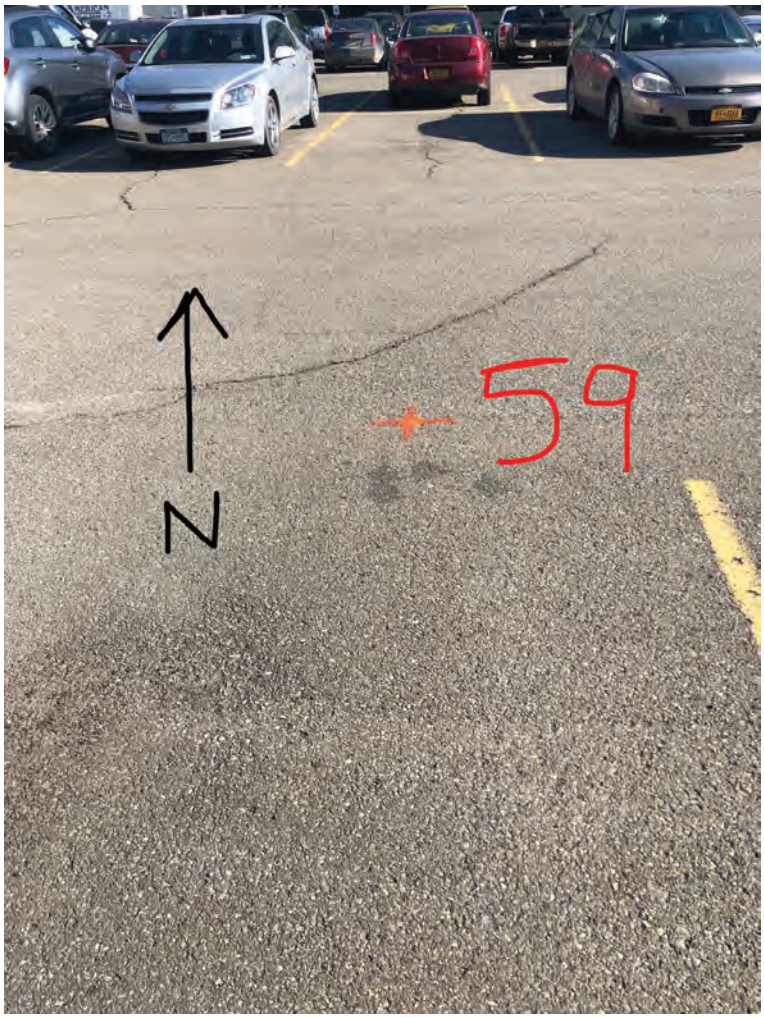

55
N


56
N

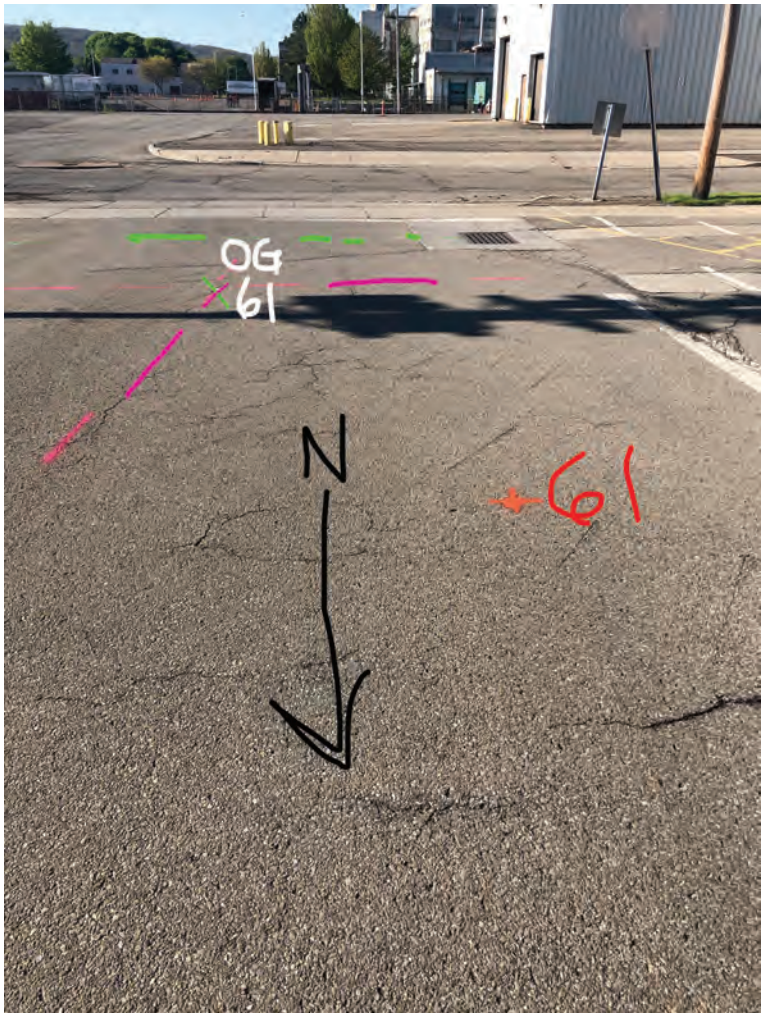

56
N

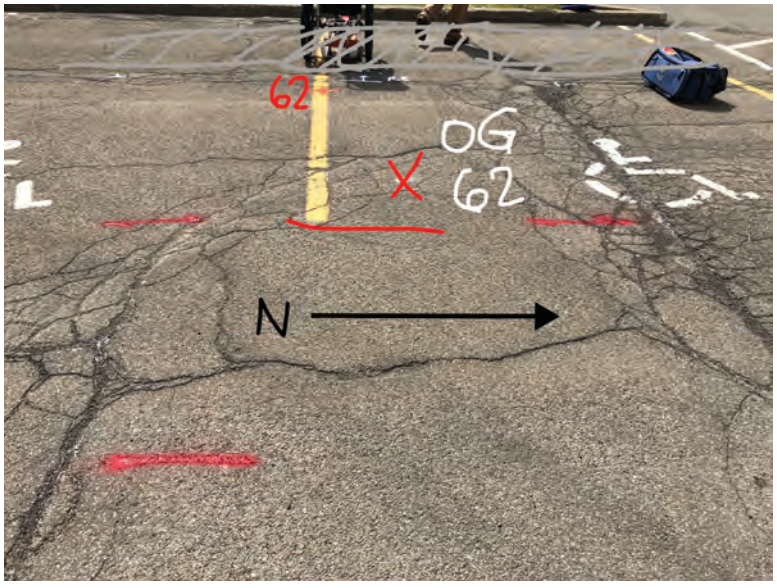

57
N

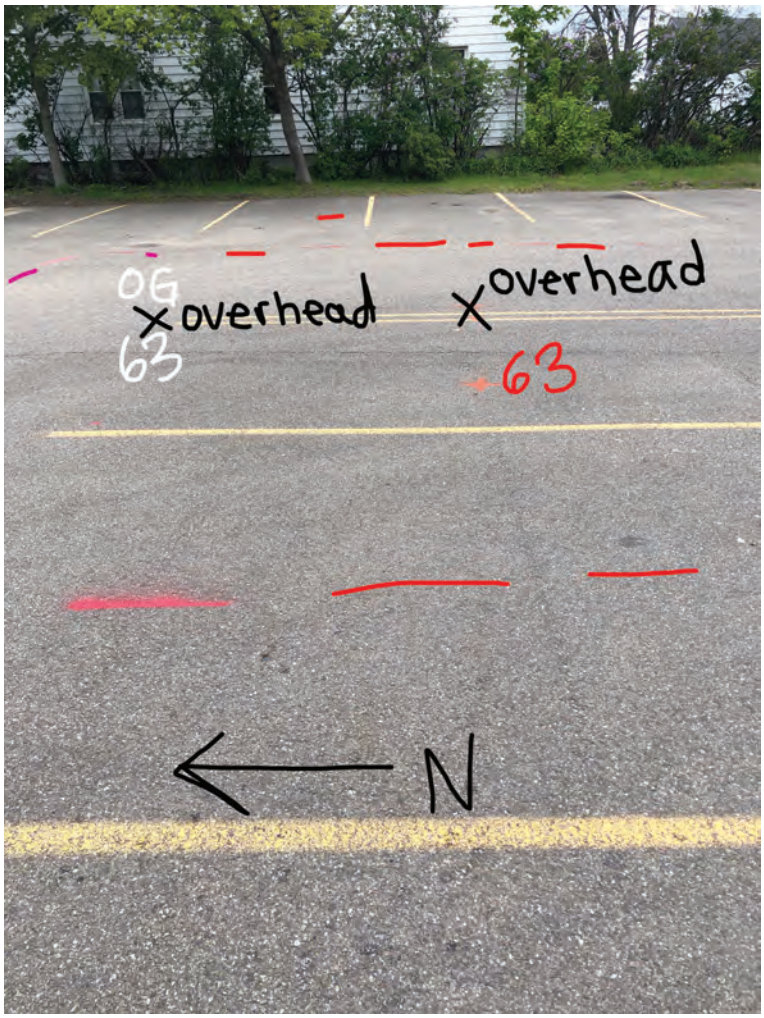

58
N
Overhead
from
tree

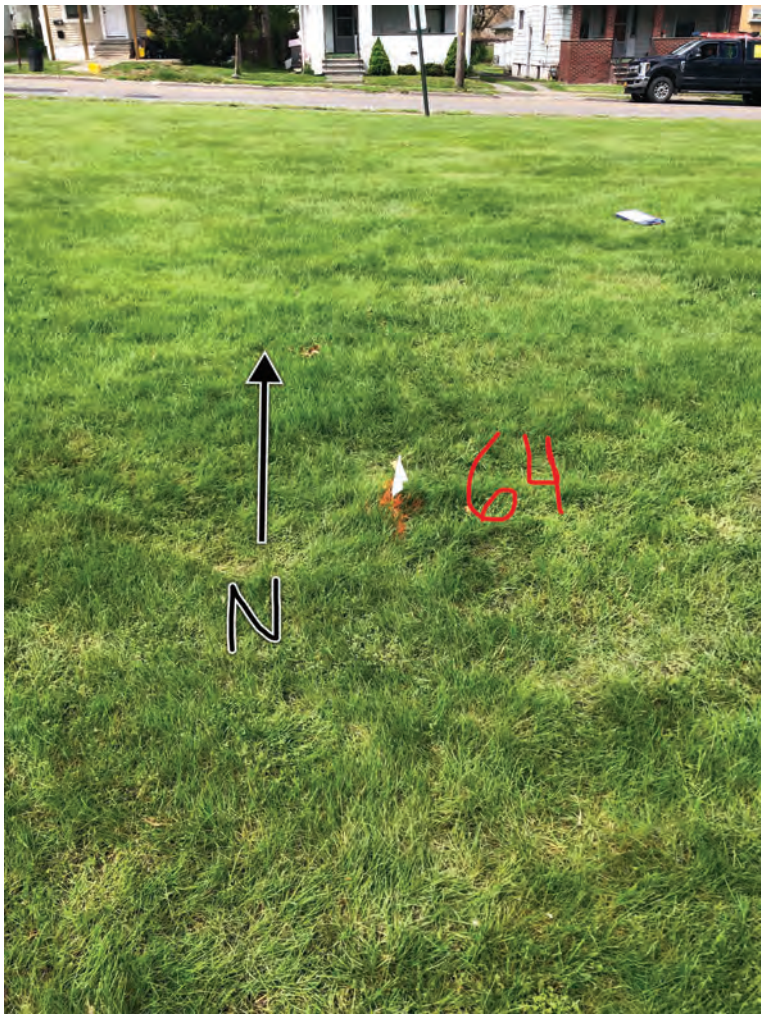

N
59

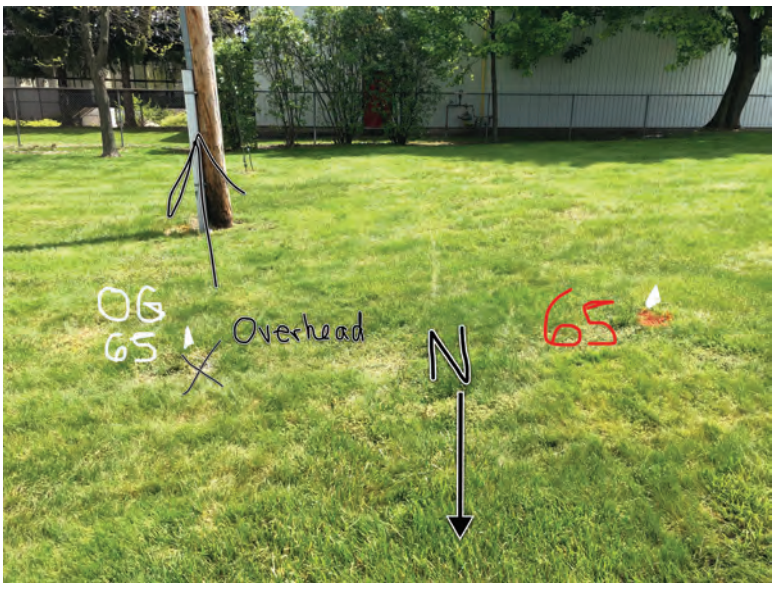

N
60


OG
61
N
61


62
OG
62
N


OG
63
overhead
overhead
63
N


64
N


OG
65
Overhead
N
65


N
66


67
OG
67
N

APPENDIX B

Community Air Monitoring Logs

Groundwater Sciences Corporation

Air Monitoring Daily Report

Project Number: 02007.46.2001
Project Name: Endicott Shallow Soil Sampling
Location: Endicott, NY
Date: 5/17/21

Background Air Monitoring (Start of Work)
Location of Reading: Intersection of Clark St. and Oak Hill Ave.
Reading: 0.0 **Time:** 0705

Time	Location ID	Breathing Zone PID Reading (PPMV)	Time	Location ID	Breathing Zone PID Reading (PPMV)
0730	SS-02A	0.0	1417	SS-17B	0.0
0737	SS-02B	0.0	1435	SS-18A	0.0
0800	SS-01A	0.0	1440	SS-18B	0.0
0806	SS-01B	0.0	1454	SS-19A	0.0
0830	SS-03A	0.0	1457	SS-19B	0.0
0837	SS-03B	0.0	1511	SS-20A	0.0
0900	SS-05A	0.0	1513	SS-20B	0.0
0905	SS-05B	0.0	1542	SS-67A	0.0
0920	SS-07A	0.0	1543	SS-67B	0.0
0924	SS-07B	0.0			
0940	SS-08A	0.0			
0944	SS-08B	0.0			
1020	SS-06A	0.0			
1022	SS-06B	0.0			
1035	SS-04A	0.0			
1040	SS-04B	0.0			
1108	SS-09A	0.0			
1112	SS-09B	0.0			
1125	SS-10A	0.0			
1127	SS-10B	0.0			
1145	SS-12A	0.0			
1148	SS-12B	0.0			
1202	SS-11A	0.0			
1205	SS-11B	0.0			
1223	SS-13A	0.0			
1225	SS-13B	0.0			
1313	SS-14A	0.0			
1316	SS-14B	0.0			
1330	SS-16A	0.0			
1333	SS-16B	0.0			
1348	SS-15A	0.0			
1351	SS-15B	0.0			
1412	SS-17A	0.0			

Groundwater Sciences Corporation

Air Monitoring Daily Report

Project Number: 02007.46.2001
Project Name: Endicott Shallow Soil Sampling
Location: Endicott, NY
Date: 5/18/21

Background Air Monitoring (Start of Work)
Location of Reading: In grass near intersection of Watson Blvd. and N McKinley Ave.
Reading: 0.0 **Time:** 0635

Time	Location ID	Breathing Zone PID Reading (PPMV)	Time	Location ID	Breathing Zone PID Reading (PPMV)
0656	SS-66A	0.0	1226	SS-52B	0.0
0700	SS-66B	0.0	1237	SS-51A	0.0
0715	SS-65A	0.0	1239	SS-51B	0.0
0715	SS-65B	0.0	1250	SS-50A	0.0
0730	SS-64A	0.0	1252	SS-50B	0.0
0733	SS-64B	0.0	1300	SS-49A	0.0
0748	SS-63A	0.0	1303	SS-49B	0.0
0752	SS-63B	0.0	1317	SS-46A	0.0
0810	SS-62A	0.0	1320	SS-46B	0.0
0813	SS-62B	0.0	1330	SS-45A	0.0
0842	SS-60A	0.0	1333	SS-45B	0.0
0848	SS-60B	0.0	1350	SS-44A	0.0
0901	SS-58A	0.0	1353	SS-44B	0.0
0905	SS-58B	0.0	1400	SS-43A	0.0
0920	SS-56A	0.0	1403	SS-43B	0.0
0922	SS-56B	0.0	1415	SS-42A	0.0
0932	SS-57A	0.0	1418	SS-42B	0.0
0934	SS-57B	0.0	1433	SS-41A	0.0
0948	SS-59A	0.0	1436	SS-41B	0.0
0952	SS-59B	0.0	1457	SS-38A	0.0
1013	SS-61A	0.0	1500	SS-38B	0.0
1016	SS-61B	0.0	1511	SS-37A	0.0
1035	SS-55A	0.0	1514	SS-37B	0.0
1038	SS-55B	0.0			
1050	SS-53A	0.0			
1052	SS-53B	0.0			
1102	SS-54A	0.0			
1105	SS-54B	0.0			
1147	SS-47A	0.0			
1151	SS-47B	0.0			
1200	SS-48A	0.0			
1202	SS-48B	0.0			
1223	SS-52A	0.0			

Groundwater Sciences Corporation

Air Monitoring Daily Report

Project Number: 02007.46.2001
Project Name: Endicott Shallow Soil Sampling
Location: Endicott, NY
Date: 5/19/21

Background Air Monitoring (Start of Work)
Location of Reading: Northwest corner of parking lot west of building 87
Reading: 0.0 **Time:** 0640

Time	Location ID	Breathing Zone PID Reading (PPMV)	Time	Location ID	Breathing Zone PID Reading (PPMV)
0641	SS-21A	0.0	1233	SS-39B	0.0
0644	SS-21B	0.0	1244	SS-40A	0.0
0657	SS-22A	0.0	1252	SS-40B	0.0
0700	SS-22B	0.0			
0715	SS-27A	0.0			
0718	SS-27B	0.0			
0732	SS-31A	0.0			
0737	SS-31B	0.0			
0749	SS-32A	0.0			
0752	SS-32B	0.0			
0804	SS-35A	0.0			
0809	SS-35B	0.0			
0824	SS-36A	0.0			
0829	SS-36B	0.0			
0840	SS-34A	0.0			
0841	SS-34B	0.0			
0858	SS-33A	0.0			
0903	SS-33B	0.0			
0916	SS-26A	0.0			
0919	SS-26B	0.0			
0922	SS-28A	0.0			
0925	SS-28B	0.0			
0936	SS-30A	0.0			
0940	SS-30B	0.0			
0957	SS-29A	0.0			
1000	SS-29B	0.0			
1040	SS-25A	0.0			
1045	SS-25B	0.0			
1054	SS-24A	0.0			
1058	SS-24B	0.0			
1108	SS-23A	0.0			
1112	SS-23B	0.0			
1225	SS-39A	0.0			

APPENDIX C

Analytical Laboratory Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-40062-1
Client Project/Site: Endicott Shallow Soil Sampling
Revision: 1

For:
Groundwater Sciences Corporation
2601 Market Place Street, Suite 310
Harrisburg, Pennsylvania 17110-9307

Attn: Scott Morgan

Authorized for release by:
6/1/2021 3:27:01 PM

Nicole Maljovec, Client Services Manager
(717)556-7259
Nicole.Maljovec@eurofinset.com

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

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

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

This report shall not be reproduced except in full, without the written approval of the laboratory.

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Nicole Maljovec
Client Services Manager
6/1/2021 3:27:01 PM

Table of Contents

Definitions/Glossary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-40062-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-40062-1

Comments
No additional comments.

Revision
The report being provided is a revision of the original report sent on 5/28/2021. The report (revision 1) is being revised due to: Removing Benzene from compound list which was not detected.

Receipt
The samples were received on 5/18/2021 12:03 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.8º C and 0.9º C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): SS-03A (410-40062-4). The container labels list time of 08:30, while the COC lists time of 0:30. Entered collection time per the container labels.

GC/MS VOA
Method 8260D: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following samples were outside acceptance criteria: SS-08A (410-40062-15), SS-16A (410-40062-31) and SS-17A (410-40062-33). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260D: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following samples were outside acceptance criteria: SS-19A (410-40062-37) and SS-20A (410-40062-39). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

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

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

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-01A — Lab Sample ID: 410-40062-1

No Detections.

Client Sample ID: SS-01B — Lab Sample ID: 410-40062-2

No Detections.

Client Sample ID: SS-02A — Lab Sample ID: 410-40062-3

No Detections.

Client Sample ID: SS-03A — Lab Sample ID: 410-40062-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	2.8	J	5.1	2.1	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-03B — Lab Sample ID: 410-40062-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	4.5	J	5.7	2.3	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-04A — Lab Sample ID: 410-40062-6

No Detections.

Client Sample ID: SS-04B — Lab Sample ID: 410-40062-7

No Detections.

Client Sample ID: SS-05A — Lab Sample ID: 410-40062-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	11		5.9	2.3	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-05B — Lab Sample ID: 410-40062-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	12		5.4	2.2	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-06A — Lab Sample ID: 410-40062-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	8.1		5.6	2.3	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-06B — Lab Sample ID: 410-40062-11

No Detections.

Client Sample ID: SS-02B — Lab Sample ID: 410-40062-12

No Detections.

Client Sample ID: SS-07A — Lab Sample ID: 410-40062-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	46		7.8	3.1	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-07B — Lab Sample ID: 410-40062-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.3	J	5.0	0.50	ug/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-08A — Lab Sample ID: 410-40062-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	22		7.6	3.0	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-08B — Lab Sample ID: 410-40062-16

No Detections.

Client Sample ID: SS-09A — Lab Sample ID: 410-40062-17

No Detections.

Client Sample ID: SS-09B — Lab Sample ID: 410-40062-18

No Detections.

Client Sample ID: SS-10A — Lab Sample ID: 410-40062-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	7.9		5.5	2.2	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-10B — Lab Sample ID: 410-40062-20

No Detections.

Client Sample ID: SS-11A — Lab Sample ID: 410-40062-21

No Detections.

Client Sample ID: SS-11B — Lab Sample ID: 410-40062-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	8.0		5.0	2.0	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-12A — Lab Sample ID: 410-40062-23

No Detections.

Client Sample ID: SS-12B — Lab Sample ID: 410-40062-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	2.8	J	6.6	2.6	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-13A — Lab Sample ID: 410-40062-25

No Detections.

Client Sample ID: SS-13B — Lab Sample ID: 410-40062-26

No Detections.

Client Sample ID: SS-14A — Lab Sample ID: 410-40062-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	6.8		5.4	2.2	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-14B — Lab Sample ID: 410-40062-28

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-15A — Lab Sample ID: 410-40062-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	5.6	J	6.5	2.6	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-15B — Lab Sample ID: 410-40062-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	3.0	J	5.5	2.2	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-16A — Lab Sample ID: 410-40062-31

No Detections.

Client Sample ID: SS-16B — Lab Sample ID: 410-40062-32

No Detections.

Client Sample ID: SS-17A — Lab Sample ID: 410-40062-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.3	J	9.2	0.92	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-17B — Lab Sample ID: 410-40062-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	4.4	J	6.7	0.67	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	1.1	J	6.7	0.67	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-18A — Lab Sample ID: 410-40062-35

No Detections.

Client Sample ID: SS-18B — Lab Sample ID: 410-40062-36

No Detections.

Client Sample ID: SS-19A — Lab Sample ID: 410-40062-37

No Detections.

Client Sample ID: SS-19B — Lab Sample ID: 410-40062-38

No Detections.

Client Sample ID: SS-20A — Lab Sample ID: 410-40062-39

No Detections.

Client Sample ID: SS-20B — Lab Sample ID: 410-40062-40

No Detections.

Client Sample ID: SS-67A — Lab Sample ID: 410-40062-41

No Detections.

Client Sample ID: SS-67B — Lab Sample ID: 410-40062-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichloromethane	4.4	J	4.7	1.9	ug/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-01A

Date Collected: 05/17/21 08:00
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-1

Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.71	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
1,1-Dichloroethane	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
1,1-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
Chloroethane	ND		5.9	1.2	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
Freon 113	ND		12	0.71	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
Freon 123a	ND		5.9	0.71	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
Dichloromethane	ND		5.9	2.4	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
Tetrachloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
Trichloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1
Vinyl chloride	ND		5.9	0.71	ug/Kg	☼	05/19/21 05:49	05/20/21 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/19/21 05:49*	*05/20/21 16:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*05/19/21 05:49*	*05/20/21 16:11*	*1*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*	*05/19/21 05:49*	*05/20/21 16:11*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*05/19/21 05:49*	*05/20/21 16:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**15.2**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**84.8**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-01B

Date Collected: 05/17/21 08:06
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-2

Matrix: Solid
Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.75	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
1,1-Dichloroethane	ND		6.2	0.62	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
1,1-Dichloroethene	ND		6.2	0.62	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
Chloroethane	ND		6.2	1.2	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
cis-1,2-Dichloroethene	ND		6.2	0.62	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
Freon 113	ND		12	0.75	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
Freon 123a	ND		6.2	0.75	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
Dichloromethane	ND		6.2	2.5	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
Tetrachloroethene	ND		6.2	0.62	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
Trichloroethene	ND		6.2	0.62	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1
Vinyl chloride	ND		6.2	0.75	ug/Kg	☼	05/19/21 05:49	05/20/21 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/19/21 05:49*	*05/20/21 16:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/19/21 05:49*	*05/20/21 16:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*05/19/21 05:49*	*05/20/21 16:33*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/19/21 05:49*	*05/20/21 16:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.6**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**87.4**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-02A

Date Collected: 05/17/21 07:30
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-3

Matrix: Solid
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	0.79	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
1,1-Dichloroethane	ND		6.6	0.66	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
1,1-Dichloroethene	ND		6.6	0.66	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
Chloroethane	ND		6.6	1.3	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
cis-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
Freon 113	ND		13	0.79	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
Freon 123a	ND		6.6	0.79	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
Dichloromethane	ND		6.6	2.6	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
Tetrachloroethene	ND		6.6	0.66	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
Trichloroethene	ND		6.6	0.66	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1
Vinyl chloride	ND		6.6	0.79	ug/Kg	☼	05/19/21 05:49	05/20/21 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/19/21 05:49*	*05/20/21 16:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/19/21 05:49*	*05/20/21 16:56*	*1*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*	*05/19/21 05:49*	*05/20/21 16:56*	*1*
Toluene-d8 (Surr)	*97*		*52 - 141*	*05/19/21 05:49*	*05/20/21 16:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.9**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**86.1**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-03A

Date Collected: 05/17/21 08:30
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-4

Matrix: Solid
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.62	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
Freon 113	ND		10	0.62	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
Freon 123a	ND		5.1	0.62	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
Dichloromethane	**2.8**	**J**	5.1	2.1	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
Trichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1
Vinyl chloride	ND		5.1	0.62	ug/Kg	☼	05/19/21 05:49	05/20/21 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 05:49*	*05/20/21 17:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*05/19/21 05:49*	*05/20/21 17:18*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*	*05/19/21 05:49*	*05/20/21 17:18*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 05:49*	*05/20/21 17:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.8**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**89.2**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-03B

Date Collected: 05/17/21 08:37
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-5

Matrix: Solid
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.68	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
Freon 113	ND		11	0.68	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
Freon 123a	ND		5.7	0.68	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
Dichloromethane	**4.5**	**J**	5.7	2.3	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1
Vinyl chloride	ND		5.7	0.68	ug/Kg	☼	05/19/21 05:49	05/20/21 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/19/21 05:49*	*05/20/21 17:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*05/19/21 05:49*	*05/20/21 17:41*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 05:49*	*05/20/21 17:41*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*05/19/21 05:49*	*05/20/21 17:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.2**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**92.8**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-04A

Date Collected: 05/17/21 10:35
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-6

Matrix: Solid
Percent Solids: 93.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.71	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
1,1-Dichloroethane	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
1,1-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
Chloroethane	ND		5.9	1.2	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
Freon 113	ND		12	0.71	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
Freon 123a	ND		5.9	0.71	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
Dichloromethane	ND		5.9	2.4	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
Tetrachloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
Trichloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1
Vinyl chloride	ND		5.9	0.71	ug/Kg	☼	05/19/21 05:49	05/20/21 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 05:49*	*05/20/21 18:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*	*05/19/21 05:49*	*05/20/21 18:03*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*	*05/19/21 05:49*	*05/20/21 18:03*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*05/19/21 05:49*	*05/20/21 18:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.4**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**93.6**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-04B

Date Collected: 05/17/21 10:40
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-7

Matrix: Solid
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	0.75	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
1,1-Dichloroethane	ND		6.3	0.63	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
1,1-Dichloroethene	ND		6.3	0.63	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
Chloroethane	ND		6.3	1.3	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
cis-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
Freon 113	ND		13	0.75	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
Freon 123a	ND		6.3	0.75	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
Dichloromethane	ND		6.3	2.5	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
Tetrachloroethene	ND		6.3	0.63	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
Trichloroethene	ND		6.3	0.63	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1
Vinyl chloride	ND		6.3	0.75	ug/Kg	☼	05/19/21 05:49	05/20/21 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*50 - 141*	*05/19/21 05:49*	*05/20/21 18:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/19/21 05:49*	*05/20/21 18:26*	*1*
4-Bromofluorobenzene (Surr)	*88*		*50 - 131*	*05/19/21 05:49*	*05/20/21 18:26*	*1*
Toluene-d8 (Surr)	*107*		*52 - 141*	*05/19/21 05:49*	*05/20/21 18:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.3**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**88.7**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-05A

Date Collected: 05/17/21 09:00
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-8

Matrix: Solid
Percent Solids: 94.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.70	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
1,1-Dichloroethane	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
1,1-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
Chloroethane	ND		5.9	1.2	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
Freon 113	ND		12	0.70	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
Freon 123a	ND		5.9	0.70	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
Dichloromethane	**11**		5.9	2.3	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
Tetrachloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
Trichloroethene	ND		5.9	0.59	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1
Vinyl chloride	ND		5.9	0.70	ug/Kg	☼	05/19/21 05:49	05/20/21 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/19/21 05:49*	*05/20/21 18:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/19/21 05:49*	*05/20/21 18:48*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*	*05/19/21 05:49*	*05/20/21 18:48*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*05/19/21 05:49*	*05/20/21 18:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.0**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**94.0**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-05B

Date Collected: 05/17/21 09:05
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-9

Matrix: Solid
Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
Dichloromethane	**12**		5.4	2.2	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/19/21 05:49	05/20/21 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/19/21 05:49*	*05/20/21 19:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/19/21 05:49*	*05/20/21 19:11*	*1*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*05/19/21 05:49*	*05/20/21 19:11*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 05:49*	*05/20/21 19:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.8**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**91.2**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-06A

Date Collected: 05/17/21 10:20
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-10

Matrix: Solid
Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.68	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
Freon 113	ND		11	0.68	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
Freon 123a	ND		5.6	0.68	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
Dichloromethane	**8.1**		5.6	2.3	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼	05/19/21 05:49	05/20/21 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/19/21 05:49*	*05/20/21 19:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*05/19/21 05:49*	*05/20/21 19:33*	*1*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*	*05/19/21 05:49*	*05/20/21 19:33*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*05/19/21 05:49*	*05/20/21 19:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.4**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**92.6**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-06B

Date Collected: 05/17/21 10:22
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-11

Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.73	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
1,1-Dichloroethane	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
1,1-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
Chloroethane	ND		6.1	1.2	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
cis-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
Freon 113	ND		12	0.73	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
Freon 123a	ND		6.1	0.73	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
Dichloromethane	ND		6.1	2.4	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
Tetrachloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
Trichloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1
Vinyl chloride	ND		6.1	0.73	ug/Kg	☼	05/19/21 06:29	05/22/21 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/19/21 06:29*	*05/22/21 00:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/19/21 06:29*	*05/22/21 00:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 06:29*	*05/22/21 00:30*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*	*05/19/21 06:29*	*05/22/21 00:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.4**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**86.6**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-02B

Date Collected: 05/17/21 07:37
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-12

Matrix: Solid
Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	0.57	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
1,1-Dichloroethane	ND		4.7	0.47	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
1,1-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
Chloroethane	ND		4.7	0.95	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
cis-1,2-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
Freon 113	ND		9.5	0.57	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
Freon 123a	ND		4.7	0.57	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
Dichloromethane	ND		4.7	1.9	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
Tetrachloroethene	ND		4.7	0.47	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
Trichloroethene	ND		4.7	0.47	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1
Vinyl chloride	ND		4.7	0.57	ug/Kg	☼	05/19/21 06:29	05/22/21 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 06:29*	*05/22/21 00:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*	*05/19/21 06:29*	*05/22/21 00:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*	*05/19/21 06:29*	*05/22/21 00:53*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*	*05/19/21 06:29*	*05/22/21 00:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.8**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**88.2**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-07A

Date Collected: 05/17/21 09:20
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-13

Matrix: Solid
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.8	0.94	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
1,1-Dichloroethane	ND		7.8	0.78	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
1,1-Dichloroethene	ND		7.8	0.78	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
Chloroethane	ND		7.8	1.6	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
cis-1,2-Dichloroethene	ND		7.8	0.78	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
Freon 113	ND		16	0.94	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
Freon 123a	ND		7.8	0.94	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
Dichloromethane	**46**		7.8	3.1	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
Tetrachloroethene	ND		7.8	0.78	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
Trichloroethene	ND		7.8	0.78	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1
Vinyl chloride	ND		7.8	0.94	ug/Kg	☼	05/19/21 06:29	05/22/21 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*50 - 141*	*05/19/21 06:29*	*05/22/21 01:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/19/21 06:29*	*05/22/21 01:15*	*1*
4-Bromofluorobenzene (Surr)	*87*		*50 - 131*	*05/19/21 06:29*	*05/22/21 01:15*	*1*
Toluene-d8 (Surr)	*108*		*52 - 141*	*05/19/21 06:29*	*05/22/21 01:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.6**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**91.4**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-07B

Date Collected: 05/17/21 09:24
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-14

Matrix: Solid
Percent Solids: 89.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
Chloroethane	ND		5.0	1.0	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
Freon 113	ND		10	0.60	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
Freon 123a	ND		5.0	0.60	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
Dichloromethane	ND		5.0	2.0	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
Trichloroethene	**1.3**	**J**	5.0	0.50	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1
Vinyl chloride	ND		5.0	0.60	ug/Kg	☼	05/19/21 06:29	05/23/21 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/19/21 06:29*	*05/23/21 12:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/19/21 06:29*	*05/23/21 12:59*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 06:29*	*05/23/21 12:59*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*05/19/21 06:29*	*05/23/21 12:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.6**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**89.4**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-08A

Date Collected: 05/17/21 09:40
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-15

Matrix: Solid
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.6	0.91	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
1,1-Dichloroethane	ND		7.6	0.76	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
1,1-Dichloroethene	ND		7.6	0.76	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
Chloroethane	ND		7.6	1.5	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
cis-1,2-Dichloroethene	ND		7.6	0.76	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
Freon 113	ND		15	0.91	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
Freon 123a	ND		7.6	0.91	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
Dichloromethane	**22**		7.6	3.0	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
Tetrachloroethene	ND		7.6	0.76	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
Trichloroethene	ND		7.6	0.76	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1
Vinyl chloride	ND		7.6	0.91	ug/Kg	☼	05/19/21 06:29	05/23/21 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/19/21 06:29*	*05/23/21 13:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*05/19/21 06:29*	*05/23/21 13:22*	*1*
4-Bromofluorobenzene (Surr)	*79*		*50 - 131*	*05/19/21 06:29*	*05/23/21 13:22*	*1*
Toluene-d8 (Surr)	*115*		*52 - 141*	*05/19/21 06:29*	*05/23/21 13:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**4.4**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**95.6**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-08B

Date Collected: 05/17/21 09:44
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-16

Matrix: Solid
Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.67	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
Freon 113	ND		11	0.67	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
Freon 123a	ND		5.6	0.67	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
Dichloromethane	ND		5.6	2.2	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1
Vinyl chloride	ND		5.6	0.67	ug/Kg	☼	05/19/21 06:29	05/23/21 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 06:29*	*05/23/21 13:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/19/21 06:29*	*05/23/21 13:44*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*	*05/19/21 06:29*	*05/23/21 13:44*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/19/21 06:29*	*05/23/21 13:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**15.9**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**84.1**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-09A

Date Collected: 05/17/21 11:08
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-17

Matrix: Solid
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.73	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
1,1-Dichloroethane	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
1,1-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
Chloroethane	ND		6.1	1.2	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
cis-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
Freon 113	ND		12	0.73	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
Freon 123a	ND		6.1	0.73	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
Dichloromethane	ND		6.1	2.4	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
Tetrachloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
Trichloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1
Vinyl chloride	ND		6.1	0.73	ug/Kg	☼	05/19/21 06:29	05/23/21 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/19/21 06:29*	*05/23/21 14:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*05/19/21 06:29*	*05/23/21 14:07*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/19/21 06:29*	*05/23/21 14:07*	*1*
Toluene-d8 (Surr)	*106*		*52 - 141*	*05/19/21 06:29*	*05/23/21 14:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.9**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**86.1**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-09B

Date Collected: 05/17/21 11:12
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-18

Matrix: Solid
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.61	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
Freon 113	ND		10	0.61	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
Freon 123a	ND		5.1	0.61	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
Dichloromethane	ND		5.1	2.0	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
Trichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1
Vinyl chloride	ND		5.1	0.61	ug/Kg	☼	05/19/21 06:29	05/23/21 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 06:29*	*05/23/21 14:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/19/21 06:29*	*05/23/21 14:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 06:29*	*05/23/21 14:29*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 06:29*	*05/23/21 14:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.3**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**88.7**		1.0	1.0	%			05/18/21 15:50	1

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-10A

Date Collected: 05/17/21 11:25
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-19

Matrix: Solid
Percent Solids: 91.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
Dichloromethane	**7.9**		5.5	2.2	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/19/21 06:29	05/23/21 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 06:29*	*05/23/21 14:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/19/21 06:29*	*05/23/21 14:52*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*	*05/19/21 06:29*	*05/23/21 14:52*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 06:29*	*05/23/21 14:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.1**		1.0	1.0	%			05/18/21 15:50	1
Percent Solids	**91.9**		1.0	1.0	%			05/18/21 15:50	1

Client Sample ID: SS-10B

Date Collected: 05/17/21 11:27
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-20

Matrix: Solid
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.63	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
Freon 113	ND		10	0.63	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
Freon 123a	ND		5.2	0.63	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
Dichloromethane	ND		5.2	2.1	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
Tetrachloroethene	ND		5.2	0.52	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
Trichloroethene	ND		5.2	0.52	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1
Vinyl chloride	ND		5.2	0.63	ug/Kg	☼	05/19/21 06:29	05/23/21 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 06:29*	*05/23/21 15:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/19/21 06:29*	*05/23/21 15:15*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*	*05/19/21 06:29*	*05/23/21 15:15*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 06:29*	*05/23/21 15:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**4.5**		1.0	1.0	%			05/18/21 17:17	1
Percent Solids	**95.5**		1.0	1.0	%			05/18/21 17:17	1

Client Sample ID: SS-11A

Date Collected: 05/17/21 12:02
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-21

Matrix: Solid
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.61	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
Freon 113	ND		10	0.61	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
Freon 123a	ND		5.1	0.61	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
Dichloromethane	ND		5.1	2.0	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
Trichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1
Vinyl chloride	ND		5.1	0.61	ug/Kg	☼	05/19/21 07:45	05/23/21 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 07:45*	*05/23/21 15:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/19/21 07:45*	*05/23/21 15:37*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 07:45*	*05/23/21 15:37*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 07:45*	*05/23/21 15:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.0**		1.0	1.0	%			05/18/21 17:17	1
Percent Solids	**93.0**		1.0	1.0	%			05/18/21 17:17	1

Client Sample ID: SS-11B

Date Collected: 05/17/21 12:05
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-22

Matrix: Solid
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
Chloroethane	ND		5.0	1.0	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
Freon 113	ND		10	0.60	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
Freon 123a	ND		5.0	0.60	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
Dichloromethane	**8.0**		5.0	2.0	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
Trichloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1
Vinyl chloride	ND		5.0	0.60	ug/Kg	☼	05/19/21 07:45	05/23/21 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/19/21 07:45*	*05/23/21 16:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/19/21 07:45*	*05/23/21 16:00*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*05/19/21 07:45*	*05/23/21 16:00*	*1*
Toluene-d8 (Surr)	*104*		*52 - 141*	*05/19/21 07:45*	*05/23/21 16:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.8**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**89.2**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-12A

Date Collected: 05/17/21 11:45
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-23

Matrix: Solid
Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.67	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
Freon 113	ND		11	0.67	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
Freon 123a	ND		5.6	0.67	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
Dichloromethane	ND		5.6	2.2	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1
Vinyl chloride	ND		5.6	0.67	ug/Kg	☼	05/19/21 07:45	05/23/21 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 07:45*	*05/23/21 16:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/19/21 07:45*	*05/23/21 16:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 07:45*	*05/23/21 16:22*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*05/19/21 07:45*	*05/23/21 16:22*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.1**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**87.9**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-12B

Date Collected: 05/17/21 11:48
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-24

Matrix: Solid
Percent Solids: 70.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	0.79	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
1,1-Dichloroethane	ND		6.6	0.66	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
1,1-Dichloroethene	ND		6.6	0.66	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
Chloroethane	ND		6.6	1.3	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
cis-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
Freon 113	ND		13	0.79	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
Freon 123a	ND		6.6	0.79	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
Dichloromethane	**2.8**	**J**	6.6	2.6	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
Tetrachloroethene	ND		6.6	0.66	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
Trichloroethene	ND		6.6	0.66	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1
Vinyl chloride	ND		6.6	0.79	ug/Kg	☼	05/19/21 07:45	05/23/21 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 07:45*	*05/23/21 16:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/19/21 07:45*	*05/23/21 16:45*	*1*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*05/19/21 07:45*	*05/23/21 16:45*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*05/19/21 07:45*	*05/23/21 16:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**29.4**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**70.6**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-13A

Date Collected: 05/17/21 12:23
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-25

Matrix: Solid
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.61	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
Freon 113	ND		10	0.61	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
Freon 123a	ND		5.1	0.61	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
Dichloromethane	ND		5.1	2.0	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
Trichloroethene	ND		5.1	0.51	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1
Vinyl chloride	ND		5.1	0.61	ug/Kg	☼	05/19/21 07:45	05/23/21 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 07:45*	*05/23/21 17:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/19/21 07:45*	*05/23/21 17:07*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 07:45*	*05/23/21 17:07*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 07:45*	*05/23/21 17:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.4**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**91.6**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-13B

Date Collected: 05/17/21 12:25
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-26

Matrix: Solid
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.57	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
1,1-Dichloroethane	ND		4.8	0.48	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
1,1-Dichloroethene	ND		4.8	0.48	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
Chloroethane	ND		4.8	0.95	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
cis-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
Freon 113	ND		9.5	0.57	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
Freon 123a	ND		4.8	0.57	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
Dichloromethane	ND		4.8	1.9	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
Tetrachloroethene	ND		4.8	0.48	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
Trichloroethene	ND		4.8	0.48	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1
Vinyl chloride	ND		4.8	0.57	ug/Kg	☼	05/19/21 07:45	05/23/21 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/19/21 07:45*	*05/23/21 17:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/19/21 07:45*	*05/23/21 17:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 07:45*	*05/23/21 17:30*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 07:45*	*05/23/21 17:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.9**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**93.1**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-14A

Date Collected: 05/17/21 13:13
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-27

Matrix: Solid
Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
Dichloromethane	**6.8**		5.4	2.2	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/19/21 07:45	05/23/21 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/19/21 07:45*	*05/23/21 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*05/19/21 07:45*	*05/23/21 17:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 07:45*	*05/23/21 17:53*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 07:45*	*05/23/21 17:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.2**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**86.8**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-14B

Date Collected: 05/17/21 13:16
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-28

Matrix: Solid
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
Chloroethane	ND		5.0	1.0	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
Freon 113	ND		10	0.60	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
Freon 123a	ND		5.0	0.60	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
Dichloromethane	ND		5.0	2.0	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
Trichloroethene	ND		5.0	0.50	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1
Vinyl chloride	ND		5.0	0.60	ug/Kg	☼	05/19/21 07:45	05/23/21 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/19/21 07:45*	*05/23/21 18:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/19/21 07:45*	*05/23/21 18:15*	*1*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*	*05/19/21 07:45*	*05/23/21 18:15*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*05/19/21 07:45*	*05/23/21 18:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.2**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**88.8**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-15A

Date Collected: 05/17/21 13:48
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-29

Matrix: Solid
Percent Solids: 93.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	0.77	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
1,1-Dichloroethane	ND		6.5	0.65	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
1,1-Dichloroethene	ND		6.5	0.65	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
Chloroethane	ND		6.5	1.3	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
cis-1,2-Dichloroethene	ND		6.5	0.65	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
Freon 113	ND		13	0.77	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
Freon 123a	ND		6.5	0.77	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
Dichloromethane	**5.6**	**J**	6.5	2.6	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
Tetrachloroethene	ND		6.5	0.65	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
Trichloroethene	ND		6.5	0.65	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1
Vinyl chloride	ND		6.5	0.77	ug/Kg	☼	05/19/21 07:45	05/23/21 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/19/21 07:45*	*05/23/21 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/19/21 07:45*	*05/23/21 18:38*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/19/21 07:45*	*05/23/21 18:38*	*1*
Toluene-d8 (Surr)	*104*		*52 - 141*	*05/19/21 07:45*	*05/23/21 18:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.4**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**93.6**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-15B

Date Collected: 05/17/21 13:51
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-30

Matrix: Solid
Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
Dichloromethane	**3.0**	**J**	5.5	2.2	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/19/21 07:45	05/23/21 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 07:45*	*05/23/21 19:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/19/21 07:45*	*05/23/21 19:00*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*	*05/19/21 07:45*	*05/23/21 19:00*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/19/21 07:45*	*05/23/21 19:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.1**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**87.9**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-16A

Date Collected: 05/17/21 13:30
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-31

Matrix: Solid
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.69	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
1,1-Dichloroethane	ND		5.8	0.58	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
1,1-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
Chloroethane	ND		5.8	1.2	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
Freon 113	ND		12	0.69	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
Freon 123a	ND		5.8	0.69	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
Dichloromethane	ND		5.8	2.3	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
Tetrachloroethene	ND		5.8	0.58	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
Trichloroethene	ND		5.8	0.58	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1
Vinyl chloride	ND		5.8	0.69	ug/Kg	☼	05/19/21 09:05	05/23/21 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*50 - 141*	*05/19/21 09:05*	*05/23/21 19:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*54 - 135*	*05/19/21 09:05*	*05/23/21 19:23*	*1*
4-Bromofluorobenzene (Surr)	*65*		*50 - 131*	*05/19/21 09:05*	*05/23/21 19:23*	*1*
Toluene-d8 (Surr)	*141*		*52 - 141*	*05/19/21 09:05*	*05/23/21 19:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.4**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**87.6**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-16B

Date Collected: 05/17/21 13:33
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-32

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.67	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
Freon 113	ND		11	0.67	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
Freon 123a	ND		5.6	0.67	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
Dichloromethane	ND		5.6	2.2	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1
Vinyl chloride	ND		5.6	0.67	ug/Kg	☼	05/19/21 09:05	05/23/21 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/19/21 09:05*	*05/23/21 19:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/19/21 09:05*	*05/23/21 19:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*	*05/19/21 09:05*	*05/23/21 19:45*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/19/21 09:05*	*05/23/21 19:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.5**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**86.5**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-17A

Date Collected: 05/17/21 14:12
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-33

Matrix: Solid
Percent Solids: 66.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		9.2	1.1	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
1,1-Dichloroethane	ND		9.2	0.92	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
1,1-Dichloroethene	ND		9.2	0.92	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
Chloroethane	ND		9.2	1.8	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
cis-1,2-Dichloroethene	ND		9.2	0.92	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
Freon 113	ND		18	1.1	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
Freon 123a	ND		9.2	1.1	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
Dichloromethane	ND		9.2	3.7	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
Tetrachloroethene	**2.3**	**J**	9.2	0.92	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
Trichloroethene	ND		9.2	0.92	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1
Vinyl chloride	ND		9.2	1.1	ug/Kg	☼	05/19/21 09:05	05/23/21 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*50 - 141*	*05/19/21 09:05*	*05/23/21 20:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*05/19/21 09:05*	*05/23/21 20:08*	*1*
4-Bromofluorobenzene (Surr)	*86*		*50 - 131*	*05/19/21 09:05*	*05/23/21 20:08*	*1*
Toluene-d8 (Surr)	*108*		*52 - 141*	*05/19/21 09:05*	*05/23/21 20:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**33.6**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**66.4**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-17B

Date Collected: 05/17/21 14:17
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-34

Matrix: Solid
Percent Solids: 68.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7	0.80	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
1,1-Dichloroethane	ND		6.7	0.67	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
1,1-Dichloroethene	ND		6.7	0.67	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
Chloroethane	ND		6.7	1.3	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
cis-1,2-Dichloroethene	ND		6.7	0.67	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
Freon 113	ND		13	0.80	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
Freon 123a	ND		6.7	0.80	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
Dichloromethane	ND		6.7	2.7	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
Tetrachloroethene	**4.4**	**J**	6.7	0.67	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
Trichloroethene	**1.1**	**J**	6.7	0.67	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1
Vinyl chloride	ND		6.7	0.80	ug/Kg	☼	05/19/21 09:05	05/24/21 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*90*		*50 - 141*	*05/19/21 09:05*	*05/24/21 20:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*54 - 135*	*05/19/21 09:05*	*05/24/21 20:06*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/19/21 09:05*	*05/24/21 20:06*	*1*
Toluene-d8 (Surr)	*111*		*52 - 141*	*05/19/21 09:05*	*05/24/21 20:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**31.7**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**68.3**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-18A

Date Collected: 05/17/21 14:35
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-35

Matrix: Solid
Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1
Vinyl chloride	ND	*+	5.4	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*05/19/21 09:05*	*05/23/21 13:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*05/19/21 09:05*	*05/23/21 13:07*	*1*
4-Bromofluorobenzene (Surr)	*86*		*50 - 131*	*05/19/21 09:05*	*05/23/21 13:07*	*1*
Toluene-d8 (Surr)	*108*		*52 - 141*	*05/19/21 09:05*	*05/23/21 13:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.5**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**88.5**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-18B

Date Collected: 05/17/21 14:40
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-36

Matrix: Solid
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1
Vinyl chloride	ND	*+	5.4	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*05/19/21 09:05*	*05/23/21 13:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/19/21 09:05*	*05/23/21 13:31*	*1*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*05/19/21 09:05*	*05/23/21 13:31*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*05/19/21 09:05*	*05/23/21 13:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.9**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**93.1**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-19A

Date Collected: 05/17/21 14:54
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-37

Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	0.78	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
1,1-Dichloroethane	ND		6.5	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
1,1-Dichloroethene	ND		6.5	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
Chloroethane	ND		6.5	1.3	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
cis-1,2-Dichloroethene	ND		6.5	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
Freon 113	ND		13	0.78	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
Freon 123a	ND		6.5	0.78	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
Dichloromethane	ND		6.5	2.6	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
Tetrachloroethene	ND		6.5	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
Trichloroethene	ND		6.5	0.65	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1
Vinyl chloride	ND	*+	6.5	0.78	ug/Kg	☼	05/19/21 09:05	05/23/21 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/19/21 09:05*	*05/23/21 13:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/19/21 09:05*	*05/23/21 13:54*	*1*
4-Bromofluorobenzene (Surr)	*70*		*50 - 131*	*05/19/21 09:05*	*05/23/21 13:54*	*1*
Toluene-d8 (Surr)	*121*		*52 - 141*	*05/19/21 09:05*	*05/23/21 13:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.3**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**91.7**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-19B

Date Collected: 05/17/21 14:57
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-38

Matrix: Solid
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.73	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
1,1-Dichloroethane	ND		6.1	0.61	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
1,1-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
Chloroethane	ND		6.1	1.2	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
cis-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
Freon 113	ND		12	0.73	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
Freon 123a	ND		6.1	0.73	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
Dichloromethane	ND		6.1	2.4	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
Tetrachloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
Trichloroethene	ND		6.1	0.61	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1
Vinyl chloride	ND	*+	6.1	0.73	ug/Kg	☼	05/19/21 09:05	05/23/21 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 09:05*	*05/23/21 14:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/19/21 09:05*	*05/23/21 14:18*	*1*
4-Bromofluorobenzene (Surr)	*79*		*50 - 131*	*05/19/21 09:05*	*05/23/21 14:18*	*1*
Toluene-d8 (Surr)	*114*		*52 - 141*	*05/19/21 09:05*	*05/23/21 14:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**18.6**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**81.4**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-20A

Date Collected: 05/17/21 15:11
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-39

Matrix: Solid
Percent Solids: 94.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.67	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
Freon 113	ND		11	0.67	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
Freon 123a	ND		5.6	0.67	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
Dichloromethane	ND		5.6	2.2	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1
Vinyl chloride	ND	*+	5.6	0.67	ug/Kg	☼	05/19/21 09:05	05/23/21 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*50 - 141*	*05/19/21 09:05*	*05/23/21 14:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/19/21 09:05*	*05/23/21 14:41*	*1*
4-Bromofluorobenzene (Surr)	*70*		*50 - 131*	*05/19/21 09:05*	*05/23/21 14:41*	*1*
Toluene-d8 (Surr)	*124*		*52 - 141*	*05/19/21 09:05*	*05/23/21 14:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.8**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**94.2**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-20B

Date Collected: 05/17/21 15:13
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-40

Matrix: Solid
Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.62	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
Freon 113	ND		10	0.62	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
Freon 123a	ND		5.2	0.62	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
Dichloromethane	ND		5.2	2.1	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
Tetrachloroethene	ND		5.2	0.52	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
Trichloroethene	ND		5.2	0.52	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1
Vinyl chloride	ND	*+	5.2	0.62	ug/Kg	☼	05/19/21 09:05	05/23/21 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*50 - 141*	*05/19/21 09:05*	*05/23/21 15:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/19/21 09:05*	*05/23/21 15:05*	*1*
4-Bromofluorobenzene (Surr)	*84*		*50 - 131*	*05/19/21 09:05*	*05/23/21 15:05*	*1*
Toluene-d8 (Surr)	*107*		*52 - 141*	*05/19/21 09:05*	*05/23/21 15:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.7**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**86.3**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-67A

Date Collected: 05/17/21 15:42
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-41

Matrix: Solid
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.69	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
Freon 113	ND		11	0.69	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
Freon 123a	ND		5.7	0.69	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
Dichloromethane	ND		5.7	2.3	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1
Vinyl chloride	ND	*+	5.7	0.69	ug/Kg	☼	05/19/21 10:18	05/23/21 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/19/21 10:18*	*05/23/21 15:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/19/21 10:18*	*05/23/21 15:28*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/19/21 10:18*	*05/23/21 15:28*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/19/21 10:18*	*05/23/21 15:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.3**		1.0	1.0	%			05/18/21 17:38	1
Percent Solids	**89.7**		1.0	1.0	%			05/18/21 17:38	1

Client Sample ID: SS-67B

Date Collected: 05/17/21 15:43
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-42

Matrix: Solid
Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	0.57	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
1,1-Dichloroethane	ND		4.7	0.47	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
1,1-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
Chloroethane	ND		4.7	0.94	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
cis-1,2-Dichloroethene	ND		4.7	0.47	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
Freon 113	ND		9.4	0.57	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
Freon 123a	ND		4.7	0.57	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
Dichloromethane	**4.4**	**J**	4.7	1.9	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
Tetrachloroethene	ND		4.7	0.47	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
Trichloroethene	ND		4.7	0.47	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1
Vinyl chloride	ND	*+	4.7	0.57	ug/Kg	☼	05/19/21 10:18	05/23/21 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/19/21 10:18*	*05/23/21 15:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/19/21 10:18*	*05/23/21 15:52*	*1*
4-Bromofluorobenzene (Surr)	*84*		*50 - 131*	*05/19/21 10:18*	*05/23/21 15:52*	*1*
Toluene-d8 (Surr)	*108*		*52 - 141*	*05/19/21 10:18*	*05/23/21 15:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.5**		1.0	1.0	%			05/18/21 18:41	1
Percent Solids	**90.5**		1.0	1.0	%			05/18/21 18:41	1

Surrogate Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(50-141)	(54-135)	(50-131)	(52-141)
410-40062-1	SS-01A	103	107	101	99
410-40062-2	SS-01B	102	103	95	101
410-40062-3	SS-02A	103	106	101	97
410-40062-4	SS-03A	101	100	98	100
410-40062-5	SS-03B	100	100	99	99
410-40062-6	SS-04A	101	101	98	99
410-40062-7	SS-04B	106	105	88	107
410-40062-8	SS-05A	103	103	98	99
410-40062-9	SS-05B	102	102	95	100
410-40062-10	SS-06A	100	100	96	99
410-40062-11	SS-06B	102	103	99	98
410-40062-12	SS-02B	101	101	98	98
410-40062-13	SS-07A	104	105	87	108
410-40062-14	SS-07B	102	106	99	99
410-40062-15	SS-08A	103	107	79	115
410-40062-16	SS-08B	101	102	98	101
410-40062-17	SS-09A	100	100	91	106
410-40062-18	SS-09B	101	102	99	100
410-40062-19	SS-10A	101	105	98	100
410-40062-20	SS-10B	101	103	98	100
410-40062-21	SS-11A	101	102	99	100
410-40062-22	SS-11B	100	102	93	104
410-40062-23	SS-12A	101	102	99	99
410-40062-24	SS-12B	101	103	92	103
410-40062-25	SS-13A	101	105	99	100
410-40062-26	SS-13B	102	108	99	100
410-40062-27	SS-14A	103	104	99	100
410-40062-28	SS-14B	102	103	96	103
410-40062-29	SS-15A	103	108	90	104
410-40062-30	SS-15B	101	106	97	100
410-40062-31	SS-16A	113	111	65	141
410-40062-32	SS-16B	102	106	99	101
410-40062-33	SS-17A	106	112	86	108
410-40062-34	SS-17B	90	99	90	111
410-40062-35	SS-18A	96	100	86	108
410-40062-36	SS-18B	96	108	95	99
410-40062-37	SS-19A	102	113	70	121
410-40062-38	SS-19B	101	106	79	114
410-40062-39	SS-20A	104	113	70	124
410-40062-40	SS-20B	99	105	84	107
410-40062-41	SS-67A	100	108	90	102
410-40062-42	SS-67B	101	108	84	108
LCS 410-128608/5	Lab Control Sample	101	107	102	100
LCS 410-129388/3	Lab Control Sample	102	103	104	99
LCS 410-129593/4	Lab Control Sample	100	106	103	100
LCS 410-129602/4	Lab Control Sample	94	101	101	102
LCS 410-129818/4	Lab Control Sample	94	101	102	102
LCSD 410-128608/6	Lab Control Sample Dup	101	101	102	100
LCSD 410-129388/4	Lab Control Sample Dup	102	105	104	98

Surrogate Summary

Client: Groundwater Sciences Corporation
Job ID: 410-40062-1
Project/Site: Endicott Shallow Soil Sampling

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(50-141)	(54-135)	(50-131)	(52-141)
LCSD 410-129593/5	Lab Control Sample Dup	101	108	103	101
LCSD 410-129602/5	Lab Control Sample Dup	94	100	101	101
LCSD 410-129818/5	Lab Control Sample Dup	94	105	101	102
MB 410-128608/8	Method Blank	100	104	100	99
MB 410-129388/6	Method Blank	101	102	100	98
MB 410-129593/7	Method Blank	101	105	99	100
MB 410-129602/7	Method Blank	95	103	97	100
MB 410-129818/7	Method Blank	95	104	97	100

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

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

Lab Sample ID: MB 410-128608/8
Matrix: Solid
Analysis Batch: 128608

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/20/21 11:27	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/20/21 11:27	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/20/21 11:27	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/20/21 11:27	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/20/21 11:27	1
Freon 113	ND		10	0.60	ug/Kg			05/20/21 11:27	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/20/21 11:27	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/20/21 11:27	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/20/21 11:27	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/20/21 11:27	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/20/21 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*		*05/20/21 11:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*		*05/20/21 11:27*	*1*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*		*05/20/21 11:27*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*		*05/20/21 11:27*	*1*

Lab Sample ID: LCS 410-128608/5
Matrix: Solid
Analysis Batch: 128608

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	18.3		ug/Kg		91	69 - 123		
1,1-Dichloroethane			20.0	18.5		ug/Kg		93	79 - 120		
1,1-Dichloroethene			20.0	18.8		ug/Kg		94	73 - 129		
Chloroethane			20.0	16.2		ug/Kg		81	43 - 135		
cis-1,2-Dichloroethene			20.0	18.7		ug/Kg		93	80 - 125		
Freon 113			20.0	18.6		ug/Kg		93	64 - 135		
Freon 123a			20.0	18.8		ug/Kg		94	71 - 123		
Dichloromethane			20.0	18.8		ug/Kg		94	76 - 122		
Tetrachloroethene			20.0	17.8		ug/Kg		89	73 - 120		
Trichloroethene			20.0	18.1		ug/Kg		91	80 - 120		
Vinyl chloride			20.0	17.7		ug/Kg		88	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
Toluene-d8 (Surr)	*100*		*52 - 141*

Lab Sample ID: LCSD 410-128608/6
Matrix: Solid
Analysis Batch: 128608

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.1		ug/Kg		91	69 - 123	1	30
1,1-Dichloroethane			20.0	18.4		ug/Kg		92	79 - 120	0	30

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

Lab Sample ID: LCSD 410-128608/6
Matrix: Solid
Analysis Batch: 128608

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			20.0	18.3		ug/Kg		91	73 - 129	3	30
Chloroethane			20.0	16.1		ug/Kg		81	43 - 135	0	30
cis-1,2-Dichloroethene			20.0	18.6		ug/Kg		93	80 - 125	0	30
Freon 113			20.0	18.1		ug/Kg		91	64 - 135	3	30
Freon 123a			20.0	18.5		ug/Kg		92	71 - 123	2	30
Dichloromethane			20.0	19.1		ug/Kg		96	76 - 122	2	30
Tetrachloroethene			20.0	17.6		ug/Kg		88	73 - 120	1	30
Trichloroethene			20.0	18.3		ug/Kg		91	80 - 120	1	30
Vinyl chloride			20.0	17.1		ug/Kg		85	52 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
Toluene-d8 (Surr)	*100*		*52 - 141*

Lab Sample ID: MB 410-129388/6
Matrix: Solid
Analysis Batch: 129388

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/21/21 20:45	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/21/21 20:45	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/21/21 20:45	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/21/21 20:45	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/21/21 20:45	1
Freon 113	ND		10	0.60	ug/Kg			05/21/21 20:45	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/21/21 20:45	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/21/21 20:45	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/21/21 20:45	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/21/21 20:45	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/21/21 20:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*		*05/21/21 20:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*		*05/21/21 20:45*	*1*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*		*05/21/21 20:45*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*		*05/21/21 20:45*	*1*

Lab Sample ID: LCS 410-129388/3
Matrix: Solid
Analysis Batch: 129388

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane			20.0	20.4		ug/Kg		102	69 - 123
1,1-Dichloroethane			20.0	20.4		ug/Kg		102	79 - 120
1,1-Dichloroethene			20.0	22.1		ug/Kg		111	73 - 129
Chloroethane			20.0	19.7		ug/Kg		98	43 - 135

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

Lab Sample ID: LCS 410-129388/3
Matrix: Solid
Analysis Batch: 129388

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
cis-1,2-Dichloroethene			20.0	20.2		ug/Kg		101	80 - 125		
Freon 113			20.0	23.4		ug/Kg		117	64 - 135		
Freon 123a			20.0	21.8		ug/Kg		109	71 - 123		
Dichloromethane			20.0	20.6		ug/Kg		103	76 - 122		
Tetrachloroethene			20.0	19.1		ug/Kg		96	73 - 120		
Trichloroethene			20.0	19.6		ug/Kg		98	80 - 120		
Vinyl chloride			20.0	21.2		ug/Kg		106	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*
4-Bromofluorobenzene (Surr)	*104*		*50 - 131*
Toluene-d8 (Surr)	*99*		*52 - 141*

Lab Sample ID: LCSD 410-129388/4
Matrix: Solid
Analysis Batch: 129388

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	19.8		ug/Kg		99	69 - 123	3	30
1,1-Dichloroethane			20.0	19.9		ug/Kg		99	79 - 120	3	30
1,1-Dichloroethene			20.0	21.5		ug/Kg		108	73 - 129	3	30
Chloroethane			20.0	19.5		ug/Kg		97	43 - 135	1	30
cis-1,2-Dichloroethene			20.0	19.9		ug/Kg		100	80 - 125	1	30
Freon 113			20.0	22.9		ug/Kg		115	64 - 135	2	30
Freon 123a			20.0	21.5		ug/Kg		108	71 - 123	1	30
Dichloromethane			20.0	20.7		ug/Kg		104	76 - 122	1	30
Tetrachloroethene			20.0	18.8		ug/Kg		94	73 - 120	2	30
Trichloroethene			20.0	19.2		ug/Kg		96	80 - 120	2	30
Vinyl chloride			20.0	21.0		ug/Kg		105	52 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*
4-Bromofluorobenzene (Surr)	*104*		*50 - 131*
Toluene-d8 (Surr)	*98*		*52 - 141*

Lab Sample ID: MB 410-129593/7
Matrix: Solid
Analysis Batch: 129593

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/23/21 12:17	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/23/21 12:17	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/23/21 12:17	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/23/21 12:17	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/23/21 12:17	1
Freon 113	ND		10	0.60	ug/Kg			05/23/21 12:17	1

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

Lab Sample ID: MB 410-129593/7
Matrix: Solid
Analysis Batch: 129593

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Freon 123a	ND		5.0	0.60	ug/Kg			05/23/21 12:17	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/23/21 12:17	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/23/21 12:17	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/23/21 12:17	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/23/21 12:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*		*05/23/21 12:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*		*05/23/21 12:17*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*		*05/23/21 12:17*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*05/23/21 12:17*	*1*

Lab Sample ID: LCS 410-129593/4
Matrix: Solid
Analysis Batch: 129593

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	18.1		ug/Kg		91	69 - 123		
1,1-Dichloroethane			20.0	18.1		ug/Kg		90	79 - 120		
1,1-Dichloroethene			20.0	18.8		ug/Kg		94	73 - 129		
Chloroethane			20.0	18.3		ug/Kg		91	43 - 135		
cis-1,2-Dichloroethene			20.0	18.1		ug/Kg		91	80 - 125		
Freon 113			20.0	19.1		ug/Kg		96	64 - 135		
Freon 123a			20.0	18.6		ug/Kg		93	71 - 123		
Dichloromethane			20.0	18.5		ug/Kg		92	76 - 122		
Tetrachloroethene			20.0	17.8		ug/Kg		89	73 - 120		
Trichloroethene			20.0	17.7		ug/Kg		89	80 - 120		
Vinyl chloride			20.0	19.9		ug/Kg		99	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
4-Bromofluorobenzene (Surr)	*103*		*50 - 131*
Toluene-d8 (Surr)	*100*		*52 - 141*

Lab Sample ID: LCSD 410-129593/5
Matrix: Solid
Analysis Batch: 129593

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.1		ug/Kg		90	69 - 123	0	30
1,1-Dichloroethane			20.0	18.3		ug/Kg		91	79 - 120	1	30
1,1-Dichloroethene			20.0	18.9		ug/Kg		94	73 - 129	0	30
Chloroethane			20.0	18.4		ug/Kg		92	43 - 135	1	30
cis-1,2-Dichloroethene			20.0	18.4		ug/Kg		92	80 - 125	1	30
Freon 113			20.0	18.7		ug/Kg		94	64 - 135	2	30
Freon 123a			20.0	18.9		ug/Kg		94	71 - 123	1	30
Dichloromethane			20.0	18.8		ug/Kg		94	76 - 122	2	30

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

Lab Sample ID: LCSD 410-129593/5
Matrix: Solid
Analysis Batch: 129593

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene			20.0	18.1		ug/Kg		90	73 - 120	1	30
Trichloroethene			20.0	17.8		ug/Kg		89	80 - 120	0	30
Vinyl chloride			20.0	19.4		ug/Kg		97	52 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*
4-Bromofluorobenzene (Surr)	*103*		*50 - 131*
Toluene-d8 (Surr)	*101*		*52 - 141*

Lab Sample ID: MB 410-129602/7
Matrix: Solid
Analysis Batch: 129602

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/23/21 11:45	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/23/21 11:45	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
Freon 113	ND		10	0.60	ug/Kg			05/23/21 11:45	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/23/21 11:45	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/23/21 11:45	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/23/21 11:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*		*05/23/21 11:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*		*05/23/21 11:45*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*		*05/23/21 11:45*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*05/23/21 11:45*	*1*

Lab Sample ID: LCS 410-129602/4
Matrix: Solid
Analysis Batch: 129602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	22.0		ug/Kg		110	69 - 123		
1,1-Dichloroethane			20.0	21.6		ug/Kg		108	79 - 120		
1,1-Dichloroethene			20.0	21.4		ug/Kg		107	73 - 129		
Chloroethane			20.0	22.9		ug/Kg		115	43 - 135		
cis-1,2-Dichloroethene			20.0	21.4		ug/Kg		107	80 - 125		
Freon 113			20.0	20.9		ug/Kg		104	64 - 135		
Freon 123a			20.0	22.6		ug/Kg		113	71 - 123		
Dichloromethane			20.0	21.6		ug/Kg		108	76 - 122		
Tetrachloroethene			20.0	19.1		ug/Kg		96	73 - 120		
Trichloroethene			20.0	21.1		ug/Kg		106	80 - 120		

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

Lab Sample ID: LCS 410-129602/4
Matrix: Solid
Analysis Batch: 129602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl chloride			20.0	24.6	*+	ug/Kg		123	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: LCSD 410-129602/5
Matrix: Solid
Analysis Batch: 129602

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.9		ug/Kg		104	69 - 123	5	30
1,1-Dichloroethane			20.0	20.9		ug/Kg		105	79 - 120	3	30
1,1-Dichloroethene			20.0	20.2		ug/Kg		101	73 - 129	6	30
Chloroethane			20.0	21.7		ug/Kg		108	43 - 135	6	30
cis-1,2-Dichloroethene			20.0	20.7		ug/Kg		103	80 - 125	3	30
Freon 113			20.0	19.8		ug/Kg		99	64 - 135	6	30
Freon 123a			20.0	21.3		ug/Kg		107	71 - 123	6	30
Dichloromethane			20.0	21.1		ug/Kg		105	76 - 122	2	30
Tetrachloroethene			20.0	18.1		ug/Kg		91	73 - 120	6	30
Trichloroethene			20.0	20.3		ug/Kg		101	80 - 120	4	30
Vinyl chloride			20.0	23.2		ug/Kg		116	52 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*101*		*52 - 141*

Lab Sample ID: MB 410-129818/7
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/24/21 11:26	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/24/21 11:26	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
Freon 113	ND		10	0.60	ug/Kg			05/24/21 11:26	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/24/21 11:26	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/24/21 11:26	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/24/21 11:26	1

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

Lab Sample ID: MB 410-129818/7
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*95*		*50 - 141*		*05/24/21 11:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*		*05/24/21 11:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*		*05/24/21 11:26*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*05/24/21 11:26*	*1*

Lab Sample ID: LCS 410-129818/4
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	22.4		ug/Kg		112	69 - 123		
1,1-Dichloroethane			20.0	22.0		ug/Kg		110	79 - 120		
1,1-Dichloroethene			20.0	21.9		ug/Kg		110	73 - 129		
Chloroethane			20.0	21.2		ug/Kg		106	43 - 135		
cis-1,2-Dichloroethene			20.0	21.6		ug/Kg		108	80 - 125		
Freon 113			20.0	19.8		ug/Kg		99	64 - 135		
Freon 123a			20.0	22.2		ug/Kg		111	71 - 123		
Dichloromethane			20.0	22.1		ug/Kg		110	76 - 122		
Tetrachloroethene			20.0	19.2		ug/Kg		96	73 - 120		
Trichloroethene			20.0	21.1		ug/Kg		105	80 - 120		
Vinyl chloride			20.0	23.0		ug/Kg		115	52 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*94*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: LCSD 410-129818/5
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	21.8		ug/Kg		109	69 - 123	3	30
1,1-Dichloroethane			20.0	21.7		ug/Kg		109	79 - 120	1	30
1,1-Dichloroethene			20.0	21.7		ug/Kg		108	73 - 129	1	30
Chloroethane			20.0	21.1		ug/Kg		105	43 - 135	1	30
cis-1,2-Dichloroethene			20.0	21.6		ug/Kg		108	80 - 125	0	30
Freon 113			20.0	19.6		ug/Kg		98	64 - 135	1	30
Freon 123a			20.0	21.8		ug/Kg		109	71 - 123	2	30
Dichloromethane			20.0	22.2		ug/Kg		111	76 - 122	1	30
Tetrachloroethene			20.0	18.8		ug/Kg		94	73 - 120	2	30
Trichloroethene			20.0	20.9		ug/Kg		104	80 - 120	1	30
Vinyl chloride			20.0	22.2		ug/Kg		111	52 - 120	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	*94*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*

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

Lab Sample ID: LCSD 410-129818/5
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		50 - 131
Toluene-d8 (Surr)	102		52 - 141

QC Association Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

GC/MS VOA

Prep Batch: 127982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-1	SS-01A	Total/NA	Solid	5035	
410-40062-2	SS-01B	Total/NA	Solid	5035	
410-40062-3	SS-02A	Total/NA	Solid	5035	
410-40062-4	SS-03A	Total/NA	Solid	5035	
410-40062-5	SS-03B	Total/NA	Solid	5035	
410-40062-6	SS-04A	Total/NA	Solid	5035	
410-40062-7	SS-04B	Total/NA	Solid	5035	
410-40062-8	SS-05A	Total/NA	Solid	5035	
410-40062-9	SS-05B	Total/NA	Solid	5035	
410-40062-10	SS-06A	Total/NA	Solid	5035	
410-40062-11	SS-06B	Total/NA	Solid	5035	
410-40062-12	SS-02B	Total/NA	Solid	5035	
410-40062-13	SS-07A	Total/NA	Solid	5035	
410-40062-14	SS-07B	Total/NA	Solid	5035	
410-40062-15	SS-08A	Total/NA	Solid	5035	
410-40062-16	SS-08B	Total/NA	Solid	5035	
410-40062-17	SS-09A	Total/NA	Solid	5035	
410-40062-18	SS-09B	Total/NA	Solid	5035	
410-40062-19	SS-10A	Total/NA	Solid	5035	
410-40062-20	SS-10B	Total/NA	Solid	5035	
410-40062-21	SS-11A	Total/NA	Solid	5035	
410-40062-22	SS-11B	Total/NA	Solid	5035	
410-40062-23	SS-12A	Total/NA	Solid	5035	
410-40062-24	SS-12B	Total/NA	Solid	5035	
410-40062-25	SS-13A	Total/NA	Solid	5035	
410-40062-26	SS-13B	Total/NA	Solid	5035	
410-40062-27	SS-14A	Total/NA	Solid	5035	
410-40062-28	SS-14B	Total/NA	Solid	5035	
410-40062-29	SS-15A	Total/NA	Solid	5035	
410-40062-30	SS-15B	Total/NA	Solid	5035	
410-40062-31	SS-16A	Total/NA	Solid	5035	
410-40062-32	SS-16B	Total/NA	Solid	5035	
410-40062-33	SS-17A	Total/NA	Solid	5035	
410-40062-34	SS-17B	Total/NA	Solid	5035	
410-40062-35	SS-18A	Total/NA	Solid	5035	
410-40062-36	SS-18B	Total/NA	Solid	5035	
410-40062-37	SS-19A	Total/NA	Solid	5035	
410-40062-38	SS-19B	Total/NA	Solid	5035	
410-40062-39	SS-20A	Total/NA	Solid	5035	
410-40062-40	SS-20B	Total/NA	Solid	5035	
410-40062-41	SS-67A	Total/NA	Solid	5035	
410-40062-42	SS-67B	Total/NA	Solid	5035	

Analysis Batch: 128608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-1	SS-01A	Total/NA	Solid	8260D	127982
410-40062-2	SS-01B	Total/NA	Solid	8260D	127982
410-40062-3	SS-02A	Total/NA	Solid	8260D	127982
410-40062-4	SS-03A	Total/NA	Solid	8260D	127982
410-40062-5	SS-03B	Total/NA	Solid	8260D	127982
410-40062-6	SS-04A	Total/NA	Solid	8260D	127982

GC/MS VOA (Continued)

Analysis Batch: 128608 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-7	SS-04B	Total/NA	Solid	8260D	127982
410-40062-8	SS-05A	Total/NA	Solid	8260D	127982
410-40062-9	SS-05B	Total/NA	Solid	8260D	127982
410-40062-10	SS-06A	Total/NA	Solid	8260D	127982
MB 410-128608/8	Method Blank	Total/NA	Solid	8260D	
LCS 410-128608/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-128608/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 129388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-11	SS-06B	Total/NA	Solid	8260D	127982
410-40062-12	SS-02B	Total/NA	Solid	8260D	127982
410-40062-13	SS-07A	Total/NA	Solid	8260D	127982
MB 410-129388/6	Method Blank	Total/NA	Solid	8260D	
LCS 410-129388/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-129388/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 129593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-14	SS-07B	Total/NA	Solid	8260D	127982
410-40062-15	SS-08A	Total/NA	Solid	8260D	127982
410-40062-16	SS-08B	Total/NA	Solid	8260D	127982
410-40062-17	SS-09A	Total/NA	Solid	8260D	127982
410-40062-18	SS-09B	Total/NA	Solid	8260D	127982
410-40062-19	SS-10A	Total/NA	Solid	8260D	127982
410-40062-20	SS-10B	Total/NA	Solid	8260D	127982
410-40062-21	SS-11A	Total/NA	Solid	8260D	127982
410-40062-22	SS-11B	Total/NA	Solid	8260D	127982
410-40062-23	SS-12A	Total/NA	Solid	8260D	127982
410-40062-24	SS-12B	Total/NA	Solid	8260D	127982
410-40062-25	SS-13A	Total/NA	Solid	8260D	127982
410-40062-26	SS-13B	Total/NA	Solid	8260D	127982
410-40062-27	SS-14A	Total/NA	Solid	8260D	127982
410-40062-28	SS-14B	Total/NA	Solid	8260D	127982
410-40062-29	SS-15A	Total/NA	Solid	8260D	127982
410-40062-30	SS-15B	Total/NA	Solid	8260D	127982
410-40062-31	SS-16A	Total/NA	Solid	8260D	127982
410-40062-32	SS-16B	Total/NA	Solid	8260D	127982
410-40062-33	SS-17A	Total/NA	Solid	8260D	127982
MB 410-129593/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-129593/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-129593/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 129602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-35	SS-18A	Total/NA	Solid	8260D	127982
410-40062-36	SS-18B	Total/NA	Solid	8260D	127982
410-40062-37	SS-19A	Total/NA	Solid	8260D	127982
410-40062-38	SS-19B	Total/NA	Solid	8260D	127982
410-40062-39	SS-20A	Total/NA	Solid	8260D	127982
410-40062-40	SS-20B	Total/NA	Solid	8260D	127982

GC/MS VOA (Continued)

Analysis Batch: 129602 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-41	SS-67A	Total/NA	Solid	8260D	127982
410-40062-42	SS-67B	Total/NA	Solid	8260D	127982
MB 410-129602/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-129602/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-129602/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 129818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-34	SS-17B	Total/NA	Solid	8260D	127982
MB 410-129818/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-129818/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-129818/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

General Chemistry

Analysis Batch: 127768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-1	SS-01A	Total/NA	Solid	Moisture	
410-40062-2	SS-01B	Total/NA	Solid	Moisture	
410-40062-3	SS-02A	Total/NA	Solid	Moisture	
410-40062-4	SS-03A	Total/NA	Solid	Moisture	
410-40062-5	SS-03B	Total/NA	Solid	Moisture	
410-40062-6	SS-04A	Total/NA	Solid	Moisture	
410-40062-7	SS-04B	Total/NA	Solid	Moisture	
410-40062-8	SS-05A	Total/NA	Solid	Moisture	
410-40062-9	SS-05B	Total/NA	Solid	Moisture	
410-40062-10	SS-06A	Total/NA	Solid	Moisture	
410-40062-11	SS-06B	Total/NA	Solid	Moisture	
410-40062-12	SS-02B	Total/NA	Solid	Moisture	
410-40062-13	SS-07A	Total/NA	Solid	Moisture	
410-40062-14	SS-07B	Total/NA	Solid	Moisture	
410-40062-15	SS-08A	Total/NA	Solid	Moisture	
410-40062-16	SS-08B	Total/NA	Solid	Moisture	
410-40062-17	SS-09A	Total/NA	Solid	Moisture	
410-40062-18	SS-09B	Total/NA	Solid	Moisture	
410-40062-19	SS-10A	Total/NA	Solid	Moisture	
410-40062-20	SS-10B	Total/NA	Solid	Moisture	
410-40062-21	SS-11A	Total/NA	Solid	Moisture	

Analysis Batch: 127836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-22	SS-11B	Total/NA	Solid	Moisture	
410-40062-23	SS-12A	Total/NA	Solid	Moisture	
410-40062-24	SS-12B	Total/NA	Solid	Moisture	
410-40062-25	SS-13A	Total/NA	Solid	Moisture	
410-40062-26	SS-13B	Total/NA	Solid	Moisture	
410-40062-27	SS-14A	Total/NA	Solid	Moisture	
410-40062-28	SS-14B	Total/NA	Solid	Moisture	
410-40062-29	SS-15A	Total/NA	Solid	Moisture	
410-40062-30	SS-15B	Total/NA	Solid	Moisture	
410-40062-31	SS-16A	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 127836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40062-32	SS-16B	Total/NA	Solid	Moisture	
410-40062-33	SS-17A	Total/NA	Solid	Moisture	
410-40062-34	SS-17B	Total/NA	Solid	Moisture	
410-40062-35	SS-18A	Total/NA	Solid	Moisture	
410-40062-36	SS-18B	Total/NA	Solid	Moisture	
410-40062-37	SS-19A	Total/NA	Solid	Moisture	
410-40062-38	SS-19B	Total/NA	Solid	Moisture	
410-40062-39	SS-20A	Total/NA	Solid	Moisture	
410-40062-40	SS-20B	Total/NA	Solid	Moisture	
410-40062-41	SS-67A	Total/NA	Solid	Moisture	
410-40062-42	SS-67B	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-01A
Date Collected: 05/17/21 08:00
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-01A
Date Collected: 05/17/21 08:00
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-1
Matrix: Solid
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 16:11	USEJ	ELLE

Client Sample ID: SS-01B
Date Collected: 05/17/21 08:06
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-01B
Date Collected: 05/17/21 08:06
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-2
Matrix: Solid
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 16:33	USEJ	ELLE

Client Sample ID: SS-02A
Date Collected: 05/17/21 07:30
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-02A
Date Collected: 05/17/21 07:30
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-3
Matrix: Solid
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 16:56	USEJ	ELLE

Client Sample ID: SS-03A
Date Collected: 05/17/21 08:30
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-03A
Lab Sample ID: 410-40062-4
Date Collected: 05/17/21 08:30
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 17:18	USEJ	ELLE

Client Sample ID: SS-03B
Lab Sample ID: 410-40062-5
Date Collected: 05/17/21 08:37
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-03B
Lab Sample ID: 410-40062-5
Date Collected: 05/17/21 08:37
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 17:41	USEJ	ELLE

Client Sample ID: SS-04A
Lab Sample ID: 410-40062-6
Date Collected: 05/17/21 10:35
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-04A
Lab Sample ID: 410-40062-6
Date Collected: 05/17/21 10:35
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 18:03	USEJ	ELLE

Client Sample ID: SS-04B
Lab Sample ID: 410-40062-7
Date Collected: 05/17/21 10:40
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-04B
Lab Sample ID: 410-40062-7
Date Collected: 05/17/21 10:40
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 18:26	USEJ	ELLE

Client Sample ID: SS-05A
Lab Sample ID: 410-40062-8
Date Collected: 05/17/21 09:00
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-05A
Lab Sample ID: 410-40062-8
Date Collected: 05/17/21 09:00
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 18:48	USEJ	ELLE

Client Sample ID: SS-05B
Lab Sample ID: 410-40062-9
Date Collected: 05/17/21 09:05
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-05B
Lab Sample ID: 410-40062-9
Date Collected: 05/17/21 09:05
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 19:11	USEJ	ELLE

Client Sample ID: SS-06A
Lab Sample ID: 410-40062-10
Date Collected: 05/17/21 10:20
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-06A
Date Collected: 05/17/21 10:20
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-10
Matrix: Solid
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 05:49	Z8FW	ELLE
Total/NA	Analysis	8260D		1	128608	05/20/21 19:33	USEJ	ELLE

Client Sample ID: SS-06B
Date Collected: 05/17/21 10:22
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-06B
Date Collected: 05/17/21 10:22
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-11
Matrix: Solid
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129388	05/22/21 00:30	UCB5	ELLE

Client Sample ID: SS-02B
Date Collected: 05/17/21 07:37
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-02B
Date Collected: 05/17/21 07:37
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-12
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129388	05/22/21 00:53	UCB5	ELLE

Client Sample ID: SS-07A
Date Collected: 05/17/21 09:20
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-07A
Date Collected: 05/17/21 09:20
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-13
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129388	05/22/21 01:15	UCB5	ELLE

Client Sample ID: SS-07B
Date Collected: 05/17/21 09:24
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-07B
Date Collected: 05/17/21 09:24
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-14
Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 12:59	UCB5	ELLE

Client Sample ID: SS-08A
Date Collected: 05/17/21 09:40
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-08A
Date Collected: 05/17/21 09:40
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-15
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 13:22	UCB5	ELLE

Client Sample ID: SS-08B
Date Collected: 05/17/21 09:44
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-08B
Lab Sample ID: 410-40062-16
Date Collected: 05/17/21 09:44
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 13:44	UCB5	ELLE

Client Sample ID: SS-09A
Lab Sample ID: 410-40062-17
Date Collected: 05/17/21 11:08
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-09A
Lab Sample ID: 410-40062-17
Date Collected: 05/17/21 11:08
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 14:07	UCB5	ELLE

Client Sample ID: SS-09B
Lab Sample ID: 410-40062-18
Date Collected: 05/17/21 11:12
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Client Sample ID: SS-09B
Lab Sample ID: 410-40062-18
Date Collected: 05/17/21 11:12
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 14:29	UCB5	ELLE

Client Sample ID: SS-10A
Lab Sample ID: 410-40062-19
Date Collected: 05/17/21 11:25
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 15:50	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-10A
Date Collected: 05/17/21 11:25
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-19
Matrix: Solid
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 14:52	UCB5	ELLE

Client Sample ID: SS-10B
Date Collected: 05/17/21 11:27
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 17:17	OEL4	ELLE

Client Sample ID: SS-10B
Date Collected: 05/17/21 11:27
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-20
Matrix: Solid
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 06:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 15:15	UCB5	ELLE

Client Sample ID: SS-11A
Date Collected: 05/17/21 12:02
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127768	05/18/21 17:17	OEL4	ELLE

Client Sample ID: SS-11A
Date Collected: 05/17/21 12:02
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-21
Matrix: Solid
Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 15:37	UCB5	ELLE

Client Sample ID: SS-11B
Date Collected: 05/17/21 12:05
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-11B
Date Collected: 05/17/21 12:05
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-22
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 16:00	UCB5	ELLE

Client Sample ID: SS-12A
Date Collected: 05/17/21 11:45
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-12A
Date Collected: 05/17/21 11:45
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-23
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 16:22	UCB5	ELLE

Client Sample ID: SS-12B
Date Collected: 05/17/21 11:48
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-12B
Date Collected: 05/17/21 11:48
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-24
Matrix: Solid
Percent Solids: 70.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 16:45	UCB5	ELLE

Client Sample ID: SS-13A
Date Collected: 05/17/21 12:23
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-13A
Date Collected: 05/17/21 12:23
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-25
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 17:07	UCB5	ELLE

Client Sample ID: SS-13B
Date Collected: 05/17/21 12:25
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-13B
Date Collected: 05/17/21 12:25
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-26
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 17:30	UCB5	ELLE

Client Sample ID: SS-14A
Date Collected: 05/17/21 13:13
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-14A
Date Collected: 05/17/21 13:13
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-27
Matrix: Solid
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 17:53	UCB5	ELLE

Client Sample ID: SS-14B
Date Collected: 05/17/21 13:16
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-14B
Lab Sample ID: 410-40062-28
Date Collected: 05/17/21 13:16
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 18:15	UCB5	ELLE

Client Sample ID: SS-15A
Lab Sample ID: 410-40062-29
Date Collected: 05/17/21 13:48
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-15A
Lab Sample ID: 410-40062-29
Date Collected: 05/17/21 13:48
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 18:38	UCB5	ELLE

Client Sample ID: SS-15B
Lab Sample ID: 410-40062-30
Date Collected: 05/17/21 13:51
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-15B
Lab Sample ID: 410-40062-30
Date Collected: 05/17/21 13:51
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 07:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 19:00	UCB5	ELLE

Client Sample ID: SS-16A
Lab Sample ID: 410-40062-31
Date Collected: 05/17/21 13:30
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-16A
Date Collected: 05/17/21 13:30
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-31
Matrix: Solid
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 19:23	UCB5	ELLE

Client Sample ID: SS-16B
Date Collected: 05/17/21 13:33
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-16B
Date Collected: 05/17/21 13:33
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-32
Matrix: Solid
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 19:45	UCB5	ELLE

Client Sample ID: SS-17A
Date Collected: 05/17/21 14:12
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-17A
Date Collected: 05/17/21 14:12
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-33
Matrix: Solid
Percent Solids: 66.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129593	05/23/21 20:08	UCB5	ELLE

Client Sample ID: SS-17B
Date Collected: 05/17/21 14:17
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-17B
Lab Sample ID: 410-40062-34
Date Collected: 05/17/21 14:17
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 68.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 20:06	USEJ	ELLE

Client Sample ID: SS-18A
Lab Sample ID: 410-40062-35
Date Collected: 05/17/21 14:35
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-18A
Lab Sample ID: 410-40062-35
Date Collected: 05/17/21 14:35
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 13:07	UCB5	ELLE

Client Sample ID: SS-18B
Lab Sample ID: 410-40062-36
Date Collected: 05/17/21 14:40
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-18B
Lab Sample ID: 410-40062-36
Date Collected: 05/17/21 14:40
Matrix: Solid
Date Received: 05/18/21 12:03
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 13:31	UCB5	ELLE

Client Sample ID: SS-19A
Lab Sample ID: 410-40062-37
Date Collected: 05/17/21 14:54
Matrix: Solid
Date Received: 05/18/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-19A
Date Collected: 05/17/21 14:54
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-37
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 13:54	UCB5	ELLE

Client Sample ID: SS-19B
Date Collected: 05/17/21 14:57
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-19B
Date Collected: 05/17/21 14:57
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-38
Matrix: Solid
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 14:18	UCB5	ELLE

Client Sample ID: SS-20A
Date Collected: 05/17/21 15:11
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-20A
Date Collected: 05/17/21 15:11
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-39
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 14:41	UCB5	ELLE

Client Sample ID: SS-20B
Date Collected: 05/17/21 15:13
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Client Sample ID: SS-20B
Date Collected: 05/17/21 15:13
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-40
Matrix: Solid
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 09:05	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 15:05	UCB5	ELLE

Client Sample ID: SS-67A
Date Collected: 05/17/21 15:42
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 17:38	OEL4	ELLE

Client Sample ID: SS-67A
Date Collected: 05/17/21 15:42
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-41
Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 10:18	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 15:28	UCB5	ELLE

Client Sample ID: SS-67B
Date Collected: 05/17/21 15:43
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	127836	05/18/21 18:41	OEL4	ELLE

Client Sample ID: SS-67B
Date Collected: 05/17/21 15:43
Date Received: 05/18/21 12:03

Lab Sample ID: 410-40062-42
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			127982	05/19/21 10:18	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 15:52	UCB5	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Groundwater Sciences Corporation
Job ID: 410-40062-1
Project/Site: Endicott Shallow Soil Sampling

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	Freon 123a
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
5035	Closed System Purge and Trap	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40062-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-40062-1	SS-01A	Solid	05/17/21 08:00	05/18/21 12:03	
410-40062-2	SS-01B	Solid	05/17/21 08:06	05/18/21 12:03	
410-40062-3	SS-02A	Solid	05/17/21 07:30	05/18/21 12:03	
410-40062-4	SS-03A	Solid	05/17/21 08:30	05/18/21 12:03	
410-40062-5	SS-03B	Solid	05/17/21 08:37	05/18/21 12:03	
410-40062-6	SS-04A	Solid	05/17/21 10:35	05/18/21 12:03	
410-40062-7	SS-04B	Solid	05/17/21 10:40	05/18/21 12:03	
410-40062-8	SS-05A	Solid	05/17/21 09:00	05/18/21 12:03	
410-40062-9	SS-05B	Solid	05/17/21 09:05	05/18/21 12:03	
410-40062-10	SS-06A	Solid	05/17/21 10:20	05/18/21 12:03	
410-40062-11	SS-06B	Solid	05/17/21 10:22	05/18/21 12:03	
410-40062-12	SS-02B	Solid	05/17/21 07:37	05/18/21 12:03	
410-40062-13	SS-07A	Solid	05/17/21 09:20	05/18/21 12:03	
410-40062-14	SS-07B	Solid	05/17/21 09:24	05/18/21 12:03	
410-40062-15	SS-08A	Solid	05/17/21 09:40	05/18/21 12:03	
410-40062-16	SS-08B	Solid	05/17/21 09:44	05/18/21 12:03	
410-40062-17	SS-09A	Solid	05/17/21 11:08	05/18/21 12:03	
410-40062-18	SS-09B	Solid	05/17/21 11:12	05/18/21 12:03	
410-40062-19	SS-10A	Solid	05/17/21 11:25	05/18/21 12:03	
410-40062-20	SS-10B	Solid	05/17/21 11:27	05/18/21 12:03	
410-40062-21	SS-11A	Solid	05/17/21 12:02	05/18/21 12:03	
410-40062-22	SS-11B	Solid	05/17/21 12:05	05/18/21 12:03	
410-40062-23	SS-12A	Solid	05/17/21 11:45	05/18/21 12:03	
410-40062-24	SS-12B	Solid	05/17/21 11:48	05/18/21 12:03	
410-40062-25	SS-13A	Solid	05/17/21 12:23	05/18/21 12:03	
410-40062-26	SS-13B	Solid	05/17/21 12:25	05/18/21 12:03	
410-40062-27	SS-14A	Solid	05/17/21 13:13	05/18/21 12:03	
410-40062-28	SS-14B	Solid	05/17/21 13:16	05/18/21 12:03	
410-40062-29	SS-15A	Solid	05/17/21 13:48	05/18/21 12:03	
410-40062-30	SS-15B	Solid	05/17/21 13:51	05/18/21 12:03	
410-40062-31	SS-16A	Solid	05/17/21 13:30	05/18/21 12:03	
410-40062-32	SS-16B	Solid	05/17/21 13:33	05/18/21 12:03	
410-40062-33	SS-17A	Solid	05/17/21 14:12	05/18/21 12:03	
410-40062-34	SS-17B	Solid	05/17/21 14:17	05/18/21 12:03	
410-40062-35	SS-18A	Solid	05/17/21 14:35	05/18/21 12:03	
410-40062-36	SS-18B	Solid	05/17/21 14:40	05/18/21 12:03	
410-40062-37	SS-19A	Solid	05/17/21 14:54	05/18/21 12:03	
410-40062-38	SS-19B	Solid	05/17/21 14:57	05/18/21 12:03	
410-40062-39	SS-20A	Solid	05/17/21 15:11	05/18/21 12:03	
410-40062-40	SS-20B	Solid	05/17/21 15:13	05/18/21 12:03	
410-40062-41	SS-67A	Solid	05/17/21 15:42	05/18/21 12:03	
410-40062-42	SS-67B	Solid	05/17/21 15:43	05/18/21 12:03	

410-40062 Chain of Custody

Env, LLC

Chain of Custody Record

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104

Client Contact: Scott Morgan	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.11
	Phone: 717-798-1048	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 11 of 13
Company: Groundwater Sciences Corporation	PWSID:			Job #:

Address: 2601 Market Place Street, Suite 310	Due Date Requested:	
City: Harrisburg	TAT Requested (days):	
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No	
Phone: 703-257-2586(Tel)	PO #: 4700158005	
Email: smorgan@groundwatersciences.com	WO #:	
Project Name:	Project #: 41000254	
Site: New York	SSOW#:	

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SS-01A	5/17/21	0800	G	S			3	1		
SS-01B		0806								
SS-02A		0730								
SS-03A		0830								
SS-03B		0837								
SS-04A		1035								
SS-04B		1040								
SS-05A		0900								
SS-05B		0905								
SS-06A		1020								
SS-06B		1022								

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Erin Peeling	Date/Time: 5/17/21 1700	Company: GSC	Received by: FEDEX
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by: MR

Date/Time: 5/17/21 1700	Company		
Date/Time:	Company		
Date/Time: 5/18/21 1203	Company: EME		

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.: 109374

Cooler Temperature(s) °C and Other Remarks: 0.9 | 0.8

Ver: 01/16/2019

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

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2 of 4

Client Information	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.12
Client Contact: Scott Morgan	Phone: 717-798-1045	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 12 of 13
Company: Groundwater Sciences Corporation	PWSID:			Job #:
Address: 2601 Market Place Street, Suite 310	Due Date Requested:			
City: Harrisburg	TAT Requested (days):			
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No			
Phone: 703-257-2586(Tel)	PO #: 4700158005			
Email: smorgan@groundwatersciences.com	WO #:			
Project Name:	Project #: 41000254			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N		
SS-02B	5/17/21	0737	G	S			3	1		
SS-07A		0920								
SS-07B		0924								
SS-08A		0940								
SS-08B		0944								
SS-09A		1108								
SS-09B		1112								
SS-10A		1125								
SS-10B		1127								
SS-11A		1202								
SS-11B		1205								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/17/21 1700	GSC	FEDEX	5/17/21 1700	
2						
3					5/18/21 1203	EMS

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 109374 | Cooler Temperature(s) °C and Other Remarks: 0.9 | 0.8

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

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Client Information	Sampler: Erin Feeley	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.13
Client Contact: Scott Morgan	Phone: 717-798-1045	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 13 of 13
Company: Groundwater Sciences Corporation	PWSID:	Analysis Requested		Job #:
Address: 2601 Market Place Street, Suite 310	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Harrisburg	TAT Requested (days):			
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No			
Phone: 703-257-2586(Tel)	PO #: 4700158005			
Email: smorgan@groundwatersciences.com	WO #:			
Project Name:	Project #: 41000254			
Site: New York	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SS-12A	5/17/21	1145	G	S			3	1		
SS-12B		1148								
SS-13A		1223								
SS-13B		1225								
SS-14A		1313								
SS-14B		1316								
SS-15A		1348								
SS-15B		1351								
SS-16A		1330								
SS-16B		1333								
SS-17A		1412								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	5/17/21 1700	GSC	FEDEX	5/17/21 1700	
Relinquished by:					
Relinquished by:			Received by:	5/18/21 1203	EMS

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 109374

Cooler Temperature(s) °C and Other Remarks: 0.9 | 0.8

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

4 of 4

Client Information	Sampler: Erin Feeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.7
Client Contact: Scott Morgan	Phone: 717-798-1845	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 7 of 13
Company: Groundwater Sciences Corporation	PWSID:			Job #:
Address: 2601 Market Place Street, Suite 310	Due Date Requested:			
City: Harrisburg	TAT Requested (days):			
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No			
Phone: 703-257-2586(Tel)	PO #: 4700158005			
Email: smorgan@groundwatersciences.com	WO #:			
Project Name:	Project #: 41000254			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
		Preservation Code:					N	N		
SS-17B	5/17/21	1417	G	S			3	1		
SS-18A		1435								
SS-18B		1440								
SS-19A		1454								
SS-19B		1457								
SS-20A		1511								
SS-20B		1513								
SS-67A		1542								
SS-67B		1543								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Erin Feeling	5/17/21 1700	GSC	FEDEX	5/17/21 1700	
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	5/18/21 1203	EUS

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: 109374
Cooler Temperature(s) °C and Other Remarks: 0.9 | 0.8

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-40062-1

Login Number: 40062

List Source: Eurofins Lancaster Laboratories Env, LLC

List Number: 1

Creator: Colon Martinez, Jessenia C

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-40499-1
Client Project/Site: Endicott Shallow Soil Sampling

For:
Groundwater Sciences Corporation
2601 Market Place Street, Suite 310
Harrisburg, Pennsylvania 17110-9307

Attn: Scott Morgan

Authorized for release by:
6/1/2021 2:54:27 PM

Nicole Maljovec, Client Services Manager
(717)556-7259
Nicole.Maljovec@eurofinset.com

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

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

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

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Nicole Maljovec
Client Services Manager
6/1/2021 2:54:27 PM

Table of Contents

Definitions/Glossary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-40499-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-40499-1

Receipt
The samples were received on 5/20/2021 11:03 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.2°C and 1.1°C

Receipt Exceptions
The following samples have four total containers on the COC but only three total containers were received. No 4oz jars received. The 4oz soil jars were received on 05/21/21.

SS-39A (410-40499-31) and SS-39B (410-40499-32)

The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): SS-36A (410-40499-35) and SS-36B (410-40499-36)

GC/MS VOA
Method 8260D: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following samples were outside acceptance criteria: SS-21B (410-40499-2) and SS-22A (410-40499-3). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260D: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following samples were outside acceptance criteria: SS-27A (410-40499-13), SS-28A (410-40499-15) and SS-29A (410-40499-17). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260D: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following samples were outside acceptance criteria: SS-33A (410-40499-25), SS-33B (410-40499-26), SS-35A (410-40499-29), SS-39A (410-40499-31), SS-40A (410-40499-33) and SS-36B (410-40499-36). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260D: Internal standard (ISTD) response for the following sample was outside control limits: SS-32B (410-40499-24). The sample(s) was re-analyzed and ISTD response was outside control limits.

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

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

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-21A — Lab Sample ID: 410-40499-1

No Detections.

Client Sample ID: SS-21B — Lab Sample ID: 410-40499-2

No Detections.

Client Sample ID: SS-22A — Lab Sample ID: 410-40499-3

No Detections.

Client Sample ID: SS-22B — Lab Sample ID: 410-40499-4

No Detections.

Client Sample ID: SS-23A — Lab Sample ID: 410-40499-5

No Detections.

Client Sample ID: SS-23B — Lab Sample ID: 410-40499-6

No Detections.

Client Sample ID: SS-24A — Lab Sample ID: 410-40499-7

No Detections.

Client Sample ID: SS-24B — Lab Sample ID: 410-40499-8

No Detections.

Client Sample ID: SS-25A — Lab Sample ID: 410-40499-9

No Detections.

Client Sample ID: SS-25B — Lab Sample ID: 410-40499-10

No Detections.

Client Sample ID: SS-26A — Lab Sample ID: 410-40499-11

No Detections.

Client Sample ID: SS-26B — Lab Sample ID: 410-40499-12

No Detections.

Client Sample ID: SS-27A — Lab Sample ID: 410-40499-13

No Detections.

Client Sample ID: SS-27B — Lab Sample ID: 410-40499-14

No Detections.

Client Sample ID: SS-28A — Lab Sample ID: 410-40499-15

No Detections.

Client Sample ID: SS-28B — Lab Sample ID: 410-40499-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.2	J	5.1	0.51	ug/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-29A — Lab Sample ID: 410-40499-17

No Detections.

Client Sample ID: SS-29B — Lab Sample ID: 410-40499-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.2	J	5.5	0.55	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-30A — Lab Sample ID: 410-40499-19

No Detections.

Client Sample ID: SS-30B — Lab Sample ID: 410-40499-20

No Detections.

Client Sample ID: SS-31A — Lab Sample ID: 410-40499-21

No Detections.

Client Sample ID: SS-31B — Lab Sample ID: 410-40499-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.89	J	5.4	0.54	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-32A — Lab Sample ID: 410-40499-23

No Detections.

Client Sample ID: SS-32B — Lab Sample ID: 410-40499-24

No Detections.

Client Sample ID: SS-33A — Lab Sample ID: 410-40499-25

No Detections.

Client Sample ID: SS-33B — Lab Sample ID: 410-40499-26

No Detections.

Client Sample ID: SS-34A — Lab Sample ID: 410-40499-27

No Detections.

Client Sample ID: SS-34B — Lab Sample ID: 410-40499-28

No Detections.

Client Sample ID: SS-35A — Lab Sample ID: 410-40499-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.4	J	7.3	0.73	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-35B — Lab Sample ID: 410-40499-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	4.1	J	5.5	0.55	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-39A — Lab Sample ID: 410-40499-31

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-39B — Lab Sample ID: 410-40499-32

No Detections.

Client Sample ID: SS-40A — Lab Sample ID: 410-40499-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.62	J	5.9	0.59	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-40B — Lab Sample ID: 410-40499-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.2	J	5.5	0.55	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-36A — Lab Sample ID: 410-40499-35

No Detections.

Client Sample ID: SS-36B — Lab Sample ID: 410-40499-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.64	J	6.0	0.60	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	4.0	J	6.0	0.60	ug/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-21A

Date Collected: 05/19/21 06:41
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-1

Matrix: Solid
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.62	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
Freon 113	ND		10	0.62	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
Freon 123a	ND		5.1	0.62	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
Dichloromethane	ND		5.1	2.1	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
Trichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1
Vinyl chloride	ND		5.1	0.62	ug/Kg	☼	05/20/21 20:07	05/25/21 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/25/21 13:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*05/20/21 20:07*	*05/25/21 13:24*	*1*
4-Bromofluorobenzene (Surr)	*85*		*50 - 131*	*05/20/21 20:07*	*05/25/21 13:24*	*1*
Toluene-d8 (Surr)	*109*		*52 - 141*	*05/20/21 20:07*	*05/25/21 13:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.6**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**93.4**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-21B

Date Collected: 05/19/21 06:44
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-2

Matrix: Solid
Percent Solids: 90.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.68	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
Freon 113	ND		11	0.68	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
Freon 123a	ND		5.7	0.68	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
Dichloromethane	ND		5.7	2.3	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1
Vinyl chloride	ND		5.7	0.68	ug/Kg	☼	05/20/21 20:07	05/25/21 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/20/21 20:07*	*05/25/21 13:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/20/21 20:07*	*05/25/21 13:46*	*1*
4-Bromofluorobenzene (Surr)	*70*		*50 - 131*	*05/20/21 20:07*	*05/25/21 13:46*	*1*
Toluene-d8 (Surr)	*129*		*52 - 141*	*05/20/21 20:07*	*05/25/21 13:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.6**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**90.4**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-22A

Date Collected: 05/19/21 06:57
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-3

Matrix: Solid
Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.67	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
Freon 113	ND		11	0.67	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
Freon 123a	ND		5.6	0.67	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
Dichloromethane	ND		5.6	2.2	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1
Vinyl chloride	ND		5.6	0.67	ug/Kg	☼	05/20/21 20:07	05/25/21 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*50 - 141*	*05/20/21 20:07*	*05/25/21 14:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*05/20/21 20:07*	*05/25/21 14:09*	*1*
4-Bromofluorobenzene (Surr)	*71*		*50 - 131*	*05/20/21 20:07*	*05/25/21 14:09*	*1*
Toluene-d8 (Surr)	*124*		*52 - 141*	*05/20/21 20:07*	*05/25/21 14:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.3**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**89.7**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-22B

Date Collected: 05/19/21 07:00
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-4

Matrix: Solid
Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.63	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
Freon 113	ND		10	0.63	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
Freon 123a	ND		5.2	0.63	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
Dichloromethane	ND		5.2	2.1	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
Tetrachloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
Trichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1
Vinyl chloride	ND		5.2	0.63	ug/Kg	☼	05/20/21 20:07	05/25/21 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 20:07*	*05/25/21 14:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*05/20/21 20:07*	*05/25/21 14:32*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/20/21 20:07*	*05/25/21 14:32*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 20:07*	*05/25/21 14:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.6**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**87.4**		1.0	1.0	%			05/21/21 10:12	1

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-23A

Date Collected: 05/19/21 11:08
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-5

Matrix: Solid
Percent Solids: 93.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*05/20/21 20:07*	*05/26/21 12:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/20/21 20:07*	*05/26/21 12:54*	*1*
4-Bromofluorobenzene (Surr)	*88*		*50 - 131*	*05/20/21 20:07*	*05/26/21 12:54*	*1*
Toluene-d8 (Surr)	*106*		*52 - 141*	*05/20/21 20:07*	*05/26/21 12:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.8**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**93.2**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-23B

Date Collected: 05/19/21 11:12
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-6

Matrix: Solid
Percent Solids: 95.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	0.58	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
1,1-Dichloroethane	ND		4.9	0.49	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
1,1-Dichloroethene	ND		4.9	0.49	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
Chloroethane	ND		4.9	0.97	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
cis-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
Freon 113	ND		9.7	0.58	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
Freon 123a	ND		4.9	0.58	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
Dichloromethane	ND		4.9	1.9	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
Tetrachloroethene	ND		4.9	0.49	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
Trichloroethene	ND		4.9	0.49	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1
Vinyl chloride	ND		4.9	0.58	ug/Kg	☼	05/20/21 20:07	05/26/21 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*05/20/21 20:07*	*05/26/21 13:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*05/20/21 20:07*	*05/26/21 13:18*	*1*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*05/20/21 20:07*	*05/26/21 13:18*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 20:07*	*05/26/21 13:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**4.8**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**95.2**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-24A

Date Collected: 05/19/21 10:54
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-7

Matrix: Solid
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7	0.80	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
1,1-Dichloroethane	ND		6.7	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
1,1-Dichloroethene	ND		6.7	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
Chloroethane	ND		6.7	1.3	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
cis-1,2-Dichloroethene	ND		6.7	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
Freon 113	ND		13	0.80	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
Freon 123a	ND		6.7	0.80	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
Dichloromethane	ND		6.7	2.7	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
Tetrachloroethene	ND		6.7	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
Trichloroethene	ND		6.7	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1
Vinyl chloride	ND		6.7	0.80	ug/Kg	☼	05/20/21 20:07	05/26/21 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 20:07*	*05/26/21 13:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*54 - 135*	*05/20/21 20:07*	*05/26/21 13:42*	*1*
4-Bromofluorobenzene (Surr)	*88*		*50 - 131*	*05/20/21 20:07*	*05/26/21 13:42*	*1*
Toluene-d8 (Surr)	*107*		*52 - 141*	*05/20/21 20:07*	*05/26/21 13:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.5**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**89.5**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-24B

Date Collected: 05/19/21 10:58
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-8

Matrix: Solid
Percent Solids: 92.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
Freon 113	ND		11	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
Freon 123a	ND		5.7	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
Dichloromethane	ND		5.7	2.3	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1
Vinyl chloride	ND		5.7	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*50 - 141*	*05/20/21 20:07*	*05/26/21 16:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/20/21 20:07*	*05/26/21 16:09*	*1*
4-Bromofluorobenzene (Surr)	*87*		*50 - 131*	*05/20/21 20:07*	*05/26/21 16:09*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 20:07*	*05/26/21 16:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.5**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**92.5**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-25A

Date Collected: 05/19/21 10:40
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-9

Matrix: Solid
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/20/21 20:07	05/26/21 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 20:07*	*05/26/21 16:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*54 - 135*	*05/20/21 20:07*	*05/26/21 16:33*	*1*
4-Bromofluorobenzene (Surr)	*89*		*50 - 131*	*05/20/21 20:07*	*05/26/21 16:33*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 20:07*	*05/26/21 16:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.0**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**91.0**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-25B

Date Collected: 05/19/21 10:45
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-10

Matrix: Solid
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.69	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
Freon 113	ND		11	0.69	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
Freon 123a	ND		5.7	0.69	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
Dichloromethane	ND		5.7	2.3	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	05/20/21 20:07	05/26/21 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 20:07*	*05/26/21 16:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/20/21 20:07*	*05/26/21 16:57*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/20/21 20:07*	*05/26/21 16:57*	*1*
Toluene-d8 (Surr)	*104*		*52 - 141*	*05/20/21 20:07*	*05/26/21 16:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.3**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**88.7**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-26A

Date Collected: 05/19/21 09:16
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-11

Matrix: Solid
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/20/21 20:07	05/26/21 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 17:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*54 - 135*	*05/20/21 20:07*	*05/26/21 17:20*	*1*
4-Bromofluorobenzene (Surr)	*85*		*50 - 131*	*05/20/21 20:07*	*05/26/21 17:20*	*1*
Toluene-d8 (Surr)	*109*		*52 - 141*	*05/20/21 20:07*	*05/26/21 17:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.9**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**94.1**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-26B

Date Collected: 05/19/21 09:19
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-12

Matrix: Solid
Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.70	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
1,1-Dichloroethane	ND		5.8	0.58	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
1,1-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
Chloroethane	ND		5.8	1.2	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
Freon 113	ND		12	0.70	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
Freon 123a	ND		5.8	0.70	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
Dichloromethane	ND		5.8	2.3	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
Tetrachloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
Trichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1
Vinyl chloride	ND		5.8	0.70	ug/Kg	☼	05/20/21 20:07	05/26/21 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 17:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/20/21 20:07*	*05/26/21 17:44*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/20/21 20:07*	*05/26/21 17:44*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*05/20/21 20:07*	*05/26/21 17:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.2**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**86.8**		1.0	1.0	%			05/21/21 10:12	1

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-27A

Date Collected: 05/19/21 07:15
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-13

Matrix: Solid
Percent Solids: 92.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.62	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
Freon 113	ND		10	0.62	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
Freon 123a	ND		5.2	0.62	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
Dichloromethane	ND		5.2	2.1	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
Tetrachloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
Trichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1
Vinyl chloride	ND		5.2	0.62	ug/Kg	☼	05/20/21 20:07	05/26/21 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/20/21 20:07*	*05/26/21 18:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*54 - 135*	*05/20/21 20:07*	*05/26/21 18:08*	*1*
4-Bromofluorobenzene (Surr)	*76*		*50 - 131*	*05/20/21 20:07*	*05/26/21 18:08*	*1*
Toluene-d8 (Surr)	*113*		*52 - 141*	*05/20/21 20:07*	*05/26/21 18:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.9**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**92.1**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-27B

Date Collected: 05/19/21 07:18
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-14

Matrix: Solid
Percent Solids: 90.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.64	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
Freon 113	ND		11	0.64	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
Freon 123a	ND		5.4	0.64	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
Dichloromethane	ND		5.4	2.1	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1
Vinyl chloride	ND		5.4	0.64	ug/Kg	☼	05/20/21 20:07	05/26/21 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 20:07*	*05/26/21 18:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 20:07*	*05/26/21 18:31*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*05/20/21 20:07*	*05/26/21 18:31*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 20:07*	*05/26/21 18:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.2**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**90.8**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-28A

Lab Sample ID: 410-40499-15
Date Collected: 05/19/21 09:22
Matrix: Solid
Date Received: 05/20/21 11:03
Percent Solids: 90.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.71	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
1,1-Dichloroethane	ND		5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
1,1-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
Chloroethane	ND		5.9	1.2	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
Freon 113	ND		12	0.71	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
Freon 123a	ND		5.9	0.71	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
Dichloromethane	ND		5.9	2.4	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
Tetrachloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
Trichloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1
Vinyl chloride	ND		5.9	0.71	ug/Kg	☼	05/20/21 20:07	05/26/21 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*50 - 141*	*05/20/21 20:07*	*05/26/21 18:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/20/21 20:07*	*05/26/21 18:55*	*1*
4-Bromofluorobenzene (Surr)	*69*		*50 - 131*	*05/20/21 20:07*	*05/26/21 18:55*	*1*
Toluene-d8 (Surr)	*120*		*52 - 141*	*05/20/21 20:07*	*05/26/21 18:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.3**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**90.7**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-28B

Lab Sample ID: 410-40499-16
Date Collected: 05/19/21 09:25
Matrix: Solid
Date Received: 05/20/21 11:03
Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.61	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
Freon 113	ND		10	0.61	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
Freon 123a	ND		5.1	0.61	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
Dichloromethane	ND		5.1	2.0	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
Trichloroethene	**2.2**	**J**	5.1	0.51	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1
Vinyl chloride	ND		5.1	0.61	ug/Kg	☼	05/20/21 20:07	05/26/21 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 19:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*05/20/21 20:07*	*05/26/21 19:19*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/20/21 20:07*	*05/26/21 19:19*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 20:07*	*05/26/21 19:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.5**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**87.5**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-29A

Date Collected: 05/19/21 09:57
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-17
Matrix: Solid
Percent Solids: 95.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
Freon 113	ND		11	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
Freon 123a	ND		5.6	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
Dichloromethane	ND		5.6	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1
Vinyl chloride	ND		5.6	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*50 - 141*	*05/20/21 20:07*	*05/26/21 19:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*54 - 135*	*05/20/21 20:07*	*05/26/21 19:42*	*1*
4-Bromofluorobenzene (Surr)	*75*		*50 - 131*	*05/20/21 20:07*	*05/26/21 19:42*	*1*
Toluene-d8 (Surr)	*112*		*52 - 141*	*05/20/21 20:07*	*05/26/21 19:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**4.6**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**95.4**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-29B

Date Collected: 05/19/21 10:00
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-18
Matrix: Solid
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
Tetrachloroethene	**1.2**	**J**	5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 20:07*	*05/26/21 20:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/20/21 20:07*	*05/26/21 20:06*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/20/21 20:07*	*05/26/21 20:06*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 20:07*	*05/26/21 20:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**15.1**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**84.9**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-30A

Date Collected: 05/19/21 09:36
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-19

Matrix: Solid
Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/20/21 20:07*	*05/26/21 20:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/20/21 20:07*	*05/26/21 20:29*	*1*
4-Bromofluorobenzene (Surr)	*85*		*50 - 131*	*05/20/21 20:07*	*05/26/21 20:29*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 20:07*	*05/26/21 20:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.5**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**88.5**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-30B

Date Collected: 05/19/21 09:40
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-20

Matrix: Solid
Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
Chloroethane	ND		5.0	1.0	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
Freon 113	ND		10	0.60	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
Freon 123a	ND		5.0	0.60	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
Dichloromethane	ND		5.0	2.0	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
Trichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1
Vinyl chloride	ND		5.0	0.60	ug/Kg	☼	05/20/21 20:07	05/26/21 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*50 - 141*	*05/20/21 20:07*	*05/26/21 20:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*54 - 135*	*05/20/21 20:07*	*05/26/21 20:53*	*1*
4-Bromofluorobenzene (Surr)	*89*		*50 - 131*	*05/20/21 20:07*	*05/26/21 20:53*	*1*
Toluene-d8 (Surr)	*104*		*52 - 141*	*05/20/21 20:07*	*05/26/21 20:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.5**		1.0	1.0	%			05/21/21 10:12	1
Percent Solids	**93.5**		1.0	1.0	%			05/21/21 10:12	1

Client Sample ID: SS-31A

Date Collected: 05/19/21 07:32
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-21

Matrix: Solid
Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
Freon 113	ND		11	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
Freon 123a	ND		5.6	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
Dichloromethane	ND		5.6	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1
Vinyl chloride	ND		5.6	0.67	ug/Kg	☼	05/20/21 20:07	05/26/21 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 20:07*	*05/26/21 21:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*54 - 135*	*05/20/21 20:07*	*05/26/21 21:17*	*1*
4-Bromofluorobenzene (Surr)	*87*		*50 - 131*	*05/20/21 20:07*	*05/26/21 21:17*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 20:07*	*05/26/21 21:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.1**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**94.9**		1.0	1.0	%			05/21/21 11:02	1

Client Sample ID: SS-31B

Date Collected: 05/19/21 07:37
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-22

Matrix: Solid
Percent Solids: 92.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
Tetrachloroethene	**0.89**	**J**	5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/20/21 20:07	05/27/21 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 20:07*	*05/27/21 03:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/20/21 20:07*	*05/27/21 03:32*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*	*05/20/21 20:07*	*05/27/21 03:32*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 20:07*	*05/27/21 03:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.9**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**92.1**		1.0	1.0	%			05/21/21 11:02	1

Client Sample ID: SS-32A

Date Collected: 05/19/21 07:49
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-23

Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.63	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
Freon 113	ND		10	0.63	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
Freon 123a	ND		5.2	0.63	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
Dichloromethane	ND		5.2	2.1	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
Tetrachloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
Trichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1
Vinyl chloride	ND		5.2	0.63	ug/Kg	☼	05/20/21 20:07	05/27/21 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/27/21 03:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/20/21 20:07*	*05/27/21 03:54*	*1*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*05/20/21 20:07*	*05/27/21 03:54*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 20:07*	*05/27/21 03:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.3**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**91.7**		1.0	1.0	%			05/21/21 11:02	1

Client Sample ID: SS-32B

Date Collected: 05/19/21 07:52
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-24

Matrix: Solid
Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.64	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
Freon 113	ND		11	0.64	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
Freon 123a	ND		5.3	0.64	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
Dichloromethane	ND		5.3	2.1	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
Tetrachloroethene	ND	*3	5.3	0.53	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
Trichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1
Vinyl chloride	ND		5.3	0.64	ug/Kg	☼	05/20/21 20:07	05/27/21 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*50 - 141*	*05/20/21 20:07*	*05/27/21 04:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*54 - 135*	*05/20/21 20:07*	*05/27/21 04:17*	*1*
4-Bromofluorobenzene (Surr)	*57*	*3*	*50 - 131*	*05/20/21 20:07*	*05/27/21 04:17*	*1*
Toluene-d8 (Surr)	*171*	*S1+ *3*	*52 - 141*	*05/20/21 20:07*	*05/27/21 04:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.8**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**90.2**		1.0	1.0	%			05/21/21 11:02	1

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-33A

Lab Sample ID: 410-40499-25
Date Collected: 05/19/21 08:58
Matrix: Solid
Date Received: 05/20/21 11:03
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
Freon 113	ND		11	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
Freon 123a	ND		5.7	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
Dichloromethane	ND		5.7	2.3	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1
Vinyl chloride	ND		5.7	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*50 - 141*	*05/20/21 20:07*	*05/26/21 16:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*54 - 135*	*05/20/21 20:07*	*05/26/21 16:46*	*1*
4-Bromofluorobenzene (Surr)	*72*		*50 - 131*	*05/20/21 20:07*	*05/26/21 16:46*	*1*
Toluene-d8 (Surr)	*121*		*52 - 141*	*05/20/21 20:07*	*05/26/21 16:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.5**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**94.5**		1.0	1.0	%			05/21/21 11:02	1

Client Sample ID: SS-33B

Lab Sample ID: 410-40499-26
Date Collected: 05/19/21 09:03
Matrix: Solid
Date Received: 05/20/21 11:03
Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.5	1.0	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
1,1-Dichloroethane	ND		8.5	0.85	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
1,1-Dichloroethene	ND		8.5	0.85	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
Chloroethane	ND		8.5	1.7	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
cis-1,2-Dichloroethene	ND		8.5	0.85	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
Freon 113	ND		17	1.0	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
Freon 123a	ND		8.5	1.0	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
Dichloromethane	ND		8.5	3.4	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
Tetrachloroethene	ND		8.5	0.85	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
Trichloroethene	ND		8.5	0.85	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1
Vinyl chloride	ND		8.5	1.0	ug/Kg	☼	05/20/21 20:07	05/26/21 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*50 - 141*	*05/20/21 20:07*	*05/26/21 17:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 20:07*	*05/26/21 17:08*	*1*
4-Bromofluorobenzene (Surr)	*67*		*50 - 131*	*05/20/21 20:07*	*05/26/21 17:08*	*1*
Toluene-d8 (Surr)	*129*		*52 - 141*	*05/20/21 20:07*	*05/26/21 17:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**19.2**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**80.8**		1.0	1.0	%			05/21/21 11:02	1

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-34A

Date Collected: 05/19/21 08:40
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-27

Matrix: Solid
Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.64	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
Freon 113	ND		11	0.64	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
Freon 123a	ND		5.4	0.64	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
Dichloromethane	ND		5.4	2.1	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1
Vinyl chloride	ND		5.4	0.64	ug/Kg	☼	05/20/21 20:07	05/26/21 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 17:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/20/21 20:07*	*05/26/21 17:31*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/20/21 20:07*	*05/26/21 17:31*	*1*
Toluene-d8 (Surr)	*104*		*52 - 141*	*05/20/21 20:07*	*05/26/21 17:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.3**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**92.7**		1.0	1.0	%			05/21/21 11:02	1

Client Sample ID: SS-34B

Date Collected: 05/19/21 08:44
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-28

Matrix: Solid
Percent Solids: 89.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
Freon 113	ND		11	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
Freon 123a	ND		5.6	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
Dichloromethane	ND		5.6	2.3	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 17:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*05/20/21 20:07*	*05/26/21 17:54*	*1*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*05/20/21 20:07*	*05/26/21 17:54*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 20:07*	*05/26/21 17:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.2**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**89.8**		1.0	1.0	%			05/21/21 11:02	1

Client Sample ID: SS-35A

Date Collected: 05/19/21 08:04
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-29

Matrix: Solid
Percent Solids: 92.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.3	0.87	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
1,1-Dichloroethane	ND		7.3	0.73	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
1,1-Dichloroethene	ND		7.3	0.73	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
Chloroethane	ND		7.3	1.5	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
cis-1,2-Dichloroethene	ND		7.3	0.73	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
Freon 113	ND		15	0.87	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
Freon 123a	ND		7.3	0.87	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
Dichloromethane	ND		7.3	2.9	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
Tetrachloroethene	**2.4**	**J**	7.3	0.73	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
Trichloroethene	ND		7.3	0.73	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1
Vinyl chloride	ND		7.3	0.87	ug/Kg	☼	05/20/21 20:07	05/26/21 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 18:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*05/20/21 20:07*	*05/26/21 18:16*	*1*
4-Bromofluorobenzene (Surr)	*75*		*50 - 131*	*05/20/21 20:07*	*05/26/21 18:16*	*1*
Toluene-d8 (Surr)	*118*		*52 - 141*	*05/20/21 20:07*	*05/26/21 18:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.0**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**92.0**		1.0	1.0	%			05/21/21 11:02	1

Client Sample ID: SS-35B

Date Collected: 05/19/21 08:09
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-30

Matrix: Solid
Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
Tetrachloroethene	**4.1**	**J**	5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 20:07*	*05/26/21 18:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*	*05/20/21 20:07*	*05/26/21 18:39*	*1*
4-Bromofluorobenzene (Surr)	*83*		*50 - 131*	*05/20/21 20:07*	*05/26/21 18:39*	*1*
Toluene-d8 (Surr)	*107*		*52 - 141*	*05/20/21 20:07*	*05/26/21 18:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.4**		1.0	1.0	%			05/21/21 11:02	1
Percent Solids	**90.6**		1.0	1.0	%			05/21/21 11:02	1

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-39A

Date Collected: 05/19/21 12:25
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-31

Matrix: Solid
Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.69	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
Freon 113	ND		11	0.69	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
Freon 123a	ND		5.7	0.69	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
Dichloromethane	ND		5.7	2.3	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	05/20/21 20:07	05/26/21 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 19:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/20/21 20:07*	*05/26/21 19:02*	*1*
4-Bromofluorobenzene (Surr)	*79*		*50 - 131*	*05/20/21 20:07*	*05/26/21 19:02*	*1*
Toluene-d8 (Surr)	*112*		*52 - 141*	*05/20/21 20:07*	*05/26/21 19:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.0**		1.0	1.0	%			05/25/21 08:36	1
Percent Solids	**89.0**		1.0	1.0	%			05/25/21 08:36	1

Client Sample ID: SS-39B

Date Collected: 05/19/21 12:33
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-32

Matrix: Solid
Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 20:07*	*05/26/21 19:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/20/21 20:07*	*05/26/21 19:24*	*1*
4-Bromofluorobenzene (Surr)	*83*		*50 - 131*	*05/20/21 20:07*	*05/26/21 19:24*	*1*
Toluene-d8 (Surr)	*109*		*52 - 141*	*05/20/21 20:07*	*05/26/21 19:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.2**		1.0	1.0	%			05/25/21 08:36	1
Percent Solids	**91.8**		1.0	1.0	%			05/25/21 08:36	1

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-40A

Date Collected: 05/19/21 12:44
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-33

Matrix: Solid
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.70	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
1,1-Dichloroethane	ND		5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
1,1-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
Chloroethane	ND		5.9	1.2	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
Freon 113	ND		12	0.70	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
Freon 123a	ND		5.9	0.70	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
Dichloromethane	ND		5.9	2.3	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
Tetrachloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
Trichloroethene	**0.62**	**J**	5.9	0.59	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1
Vinyl chloride	ND		5.9	0.70	ug/Kg	☼	05/20/21 20:07	05/26/21 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 19:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/20/21 20:07*	*05/26/21 19:50*	*1*
4-Bromofluorobenzene (Surr)	*80*		*50 - 131*	*05/20/21 20:07*	*05/26/21 19:50*	*1*
Toluene-d8 (Surr)	*111*		*52 - 141*	*05/20/21 20:07*	*05/26/21 19:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**14.8**		1.0	1.0	%			05/21/21 10:37	1
Percent Solids	**85.2**		1.0	1.0	%			05/21/21 10:37	1

Client Sample ID: SS-40B

Date Collected: 05/19/21 12:52
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-34

Matrix: Solid
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
Trichloroethene	**1.2**	**J**	5.5	0.55	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 20:07	05/26/21 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 20:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*	*05/20/21 20:07*	*05/26/21 20:12*	*1*
4-Bromofluorobenzene (Surr)	*82*		*50 - 131*	*05/20/21 20:07*	*05/26/21 20:12*	*1*
Toluene-d8 (Surr)	*110*		*52 - 141*	*05/20/21 20:07*	*05/26/21 20:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.9**		1.0	1.0	%			05/21/21 10:37	1
Percent Solids	**86.1**		1.0	1.0	%			05/21/21 10:37	1

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-36A

Date Collected: 05/19/21 08:24
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-35

Matrix: Solid
Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
Freon 113	ND		11	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
Freon 123a	ND		5.6	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
Dichloromethane	ND		5.6	2.3	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼	05/20/21 20:07	05/26/21 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 20:07*	*05/26/21 20:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/20/21 20:07*	*05/26/21 20:35*	*1*
4-Bromofluorobenzene (Surr)	*89*		*50 - 131*	*05/20/21 20:07*	*05/26/21 20:35*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 20:07*	*05/26/21 20:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.0**		1.0	1.0	%			05/21/21 10:37	1
Percent Solids	**87.0**		1.0	1.0	%			05/21/21 10:37	1

Client Sample ID: SS-36B

Date Collected: 05/19/21 08:29
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-36

Matrix: Solid
Percent Solids: 92.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.72	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
1,1-Dichloroethane	ND		6.0	0.60	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
1,1-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
Chloroethane	ND		6.0	1.2	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
cis-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
Freon 113	ND		12	0.72	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
Freon 123a	ND		6.0	0.72	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
Dichloromethane	ND		6.0	2.4	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
Tetrachloroethene	**0.64**	**J**	6.0	0.60	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
Trichloroethene	**4.0**	**J**	6.0	0.60	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1
Vinyl chloride	ND		6.0	0.72	ug/Kg	☼	05/20/21 20:07	05/26/21 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*50 - 141*	*05/20/21 20:07*	*05/26/21 20:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/20/21 20:07*	*05/26/21 20:57*	*1*
4-Bromofluorobenzene (Surr)	*67*		*50 - 131*	*05/20/21 20:07*	*05/26/21 20:57*	*1*
Toluene-d8 (Surr)	*130*		*52 - 141*	*05/20/21 20:07*	*05/26/21 20:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.9**		1.0	1.0	%			05/21/21 10:37	1
Percent Solids	**92.1**		1.0	1.0	%			05/21/21 10:37	1

Surrogate Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(50-141)	(54-135)	(50-131)	(52-141)
410-40499-1	SS-21A	102	107	85	109
410-40499-2	SS-21B	103	102	70	129
410-40499-3	SS-22A	106	104	71	124
410-40499-4	SS-22B	101	104	90	105
410-40499-5	SS-23A	97	105	88	106
410-40499-6	SS-23B	97	107	95	101
410-40499-7	SS-24A	100	111	88	107
410-40499-8	SS-24B	99	108	87	105
410-40499-9	SS-25A	101	114	89	105
410-40499-10	SS-25B	100	106	90	104
410-40499-11	SS-26A	102	114	85	109
410-40499-12	SS-26B	102	113	90	103
410-40499-13	SS-27A	103	115	76	113
410-40499-14	SS-27B	101	109	94	101
410-40499-15	SS-28A	104	113	69	120
410-40499-16	SS-28B	102	112	91	100
410-40499-17	SS-29A	108	120	75	112
410-40499-18	SS-29B	101	113	91	101
410-40499-19	SS-30A	103	113	85	105
410-40499-20	SS-30B	105	117	89	104
410-40499-21	SS-31A	100	110	87	105
410-40499-22	SS-31B	101	103	97	100
410-40499-23	SS-32A	102	103	92	102
410-40499-24	SS-32B	110	94	57 *3	171 S1+ *3
410-40499-25	SS-33A	109	117	72	121
410-40499-26	SS-33B	108	109	67	129
410-40499-27	SS-34A	102	105	91	104
410-40499-28	SS-34B	102	107	92	101
410-40499-29	SS-35A	102	107	75	118
410-40499-30	SS-35B	101	101	83	107
410-40499-31	SS-39A	102	103	79	112
410-40499-32	SS-39B	101	102	83	109
410-40499-33	SS-40A	102	105	80	111
410-40499-34	SS-40B	102	101	82	110
410-40499-35	SS-36A	102	106	89	105
410-40499-36	SS-36B	108	105	67	130
LCS 410-130292/5	Lab Control Sample	101	107	101	101
LCS 410-130852/4	Lab Control Sample	94	102	102	103
LCS 410-130861/5	Lab Control Sample	102	107	103	100
LCS 410-131184/4	Lab Control Sample	101	106	102	101
LCS 410-131390/5	Lab Control Sample	104	107	101	104
LCSD 410-130292/6	Lab Control Sample Dup	100	106	101	100
LCSD 410-130852/5	Lab Control Sample Dup	93	100	102	103
LCSD 410-130861/6	Lab Control Sample Dup	101	106	101	100
LCSD 410-131184/5	Lab Control Sample Dup	100	102	101	99
LCSD 410-131390/6	Lab Control Sample Dup	105	108	102	103
MB 410-130292/8	Method Blank	101	105	98	100
MB 410-130852/7	Method Blank	95	104	97	101
MB 410-130861/8	Method Blank	101	108	98	98

Surrogate Summary

Client: Groundwater Sciences Corporation
Job ID: 410-40499-1
Project/Site: Endicott Shallow Soil Sampling

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

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(50-141)	(54-135)	(50-131)	(52-141)
MB 410-131184/7	Method Blank	102	107	98	99
MB 410-131390/8	Method Blank	103	112	99	100

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

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

Lab Sample ID: MB 410-130292/8
Matrix: Solid
Analysis Batch: 130292

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/25/21 11:50	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/25/21 11:50	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
Freon 113	ND		10	0.60	ug/Kg			05/25/21 11:50	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/25/21 11:50	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/25/21 11:50	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/25/21 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*		*05/25/21 11:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*		*05/25/21 11:50*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*		*05/25/21 11:50*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*05/25/21 11:50*	*1*

Lab Sample ID: LCS 410-130292/5
Matrix: Solid
Analysis Batch: 130292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	20.0		ug/Kg		100	69 - 123		
1,1-Dichloroethane			20.0	19.9		ug/Kg		100	79 - 120		
1,1-Dichloroethene			20.0	22.2		ug/Kg		111	73 - 129		
Chloroethane			20.0	18.6		ug/Kg		93	43 - 135		
cis-1,2-Dichloroethene			20.0	20.0		ug/Kg		100	80 - 125		
Freon 113			20.0	21.9		ug/Kg		109	64 - 135		
Freon 123a			20.0	21.0		ug/Kg		105	71 - 123		
Dichloromethane			20.0	20.5		ug/Kg		102	76 - 122		
Tetrachloroethene			20.0	20.2		ug/Kg		101	73 - 120		
Trichloroethene			20.0	19.6		ug/Kg		98	80 - 120		
Vinyl chloride			20.0	20.9		ug/Kg		104	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*101*		*52 - 141*

Lab Sample ID: LCSD 410-130292/6
Matrix: Solid
Analysis Batch: 130292

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	19.8		ug/Kg		99	69 - 123	1	30
1,1-Dichloroethane			20.0	20.0		ug/Kg		100	79 - 120	0	30

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

Lab Sample ID: LCSD 410-130292/6
Matrix: Solid
Analysis Batch: 130292

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			20.0	21.8		ug/Kg		109	73 - 129	2	30
Chloroethane			20.0	19.0		ug/Kg		95	43 - 135	2	30
cis-1,2-Dichloroethene			20.0	20.2		ug/Kg		101	80 - 125	1	30
Freon 113			20.0	21.8		ug/Kg		109	64 - 135	0	30
Freon 123a			20.0	21.1		ug/Kg		106	71 - 123	1	30
Dichloromethane			20.0	20.6		ug/Kg		103	76 - 122	1	30
Tetrachloroethene			20.0	20.4		ug/Kg		102	73 - 120	1	30
Trichloroethene			20.0	19.6		ug/Kg		98	80 - 120	0	30
Vinyl chloride			20.0	20.7		ug/Kg		103	52 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*100*		*52 - 141*

Lab Sample ID: MB 410-130852/7
Matrix: Solid
Analysis Batch: 130852

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/26/21 12:01	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/26/21 12:01	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/26/21 12:01	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/26/21 12:01	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/26/21 12:01	1
Freon 113	ND		10	0.60	ug/Kg			05/26/21 12:01	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/26/21 12:01	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/26/21 12:01	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/26/21 12:01	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/26/21 12:01	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/26/21 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*		*05/26/21 12:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*		*05/26/21 12:01*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*		*05/26/21 12:01*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*		*05/26/21 12:01*	*1*

Lab Sample ID: LCS 410-130852/4
Matrix: Solid
Analysis Batch: 130852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	22.7		ug/Kg		114	69 - 123		
1,1-Dichloroethane			20.0	21.8		ug/Kg		109	79 - 120		
1,1-Dichloroethene			20.0	21.6		ug/Kg		108	73 - 129		
Chloroethane			20.0	19.7		ug/Kg		99	43 - 135		

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

Lab Sample ID: LCS 410-130852/4
Matrix: Solid
Analysis Batch: 130852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
cis-1,2-Dichloroethene			20.0	21.7		ug/Kg		108	80 - 125		
Freon 113			20.0	21.7		ug/Kg		108	64 - 135		
Freon 123a			20.0	22.1		ug/Kg		110	71 - 123		
Dichloromethane			20.0	22.2		ug/Kg		111	76 - 122		
Tetrachloroethene			20.0	18.4		ug/Kg		92	73 - 120		
Trichloroethene			20.0	21.3		ug/Kg		107	80 - 120		
Vinyl chloride			20.0	21.6		ug/Kg		108	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
Toluene-d8 (Surr)	*103*		*52 - 141*

Lab Sample ID: LCSD 410-130852/5
Matrix: Solid
Analysis Batch: 130852

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	23.5		ug/Kg		117	69 - 123	3	30
1,1-Dichloroethane			20.0	23.0		ug/Kg		115	79 - 120	5	30
1,1-Dichloroethene			20.0	22.5		ug/Kg		113	73 - 129	4	30
Chloroethane			20.0	19.6		ug/Kg		98	43 - 135	1	30
cis-1,2-Dichloroethene			20.0	22.4		ug/Kg		112	80 - 125	3	30
Freon 113			20.0	21.8		ug/Kg		109	64 - 135	1	30
Freon 123a			20.0	22.6		ug/Kg		113	71 - 123	3	30
Dichloromethane			20.0	23.0		ug/Kg		115	76 - 122	3	30
Tetrachloroethene			20.0	18.9		ug/Kg		95	73 - 120	3	30
Trichloroethene			20.0	21.8		ug/Kg		109	80 - 120	2	30
Vinyl chloride			20.0	22.0		ug/Kg		110	52 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
Toluene-d8 (Surr)	*103*		*52 - 141*

Lab Sample ID: MB 410-130861/8
Matrix: Solid
Analysis Batch: 130861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/26/21 12:19	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/26/21 12:19	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/26/21 12:19	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/26/21 12:19	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/26/21 12:19	1
Freon 113	ND		10	0.60	ug/Kg			05/26/21 12:19	1

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

Lab Sample ID: MB 410-130861/8
Matrix: Solid
Analysis Batch: 130861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Freon 123a	ND		5.0	0.60	ug/Kg			05/26/21 12:19	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/26/21 12:19	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/26/21 12:19	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/26/21 12:19	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/26/21 12:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*		*05/26/21 12:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*		*05/26/21 12:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*		*05/26/21 12:19*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*		*05/26/21 12:19*	*1*

Lab Sample ID: LCS 410-130861/5
Matrix: Solid
Analysis Batch: 130861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	19.4		ug/Kg		97	69 - 123		
1,1-Dichloroethane			20.0	19.7		ug/Kg		99	79 - 120		
1,1-Dichloroethene			20.0	21.0		ug/Kg		105	73 - 129		
Chloroethane			20.0	17.4		ug/Kg		87	43 - 135		
cis-1,2-Dichloroethene			20.0	19.7		ug/Kg		98	80 - 125		
Freon 113			20.0	21.5		ug/Kg		107	64 - 135		
Freon 123a			20.0	20.4		ug/Kg		102	71 - 123		
Dichloromethane			20.0	20.1		ug/Kg		100	76 - 122		
Tetrachloroethene			20.0	18.5		ug/Kg		93	73 - 120		
Trichloroethene			20.0	19.1		ug/Kg		95	80 - 120		
Vinyl chloride			20.0	17.0		ug/Kg		85	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*
4-Bromofluorobenzene (Surr)	*103*		*50 - 131*
Toluene-d8 (Surr)	*100*		*52 - 141*

Lab Sample ID: LCSD 410-130861/6
Matrix: Solid
Analysis Batch: 130861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.5		ug/Kg		92	69 - 123	5	30
1,1-Dichloroethane			20.0	19.1		ug/Kg		95	79 - 120	3	30
1,1-Dichloroethene			20.0	20.2		ug/Kg		101	73 - 129	4	30
Chloroethane			20.0	16.5		ug/Kg		83	43 - 135	5	30
cis-1,2-Dichloroethene			20.0	19.0		ug/Kg		95	80 - 125	4	30
Freon 113			20.0	20.2		ug/Kg		101	64 - 135	6	30
Freon 123a			20.0	19.2		ug/Kg		96	71 - 123	6	30
Dichloromethane			20.0	19.1		ug/Kg		95	76 - 122	5	30

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

Lab Sample ID: LCSD 410-130861/6
Matrix: Solid
Analysis Batch: 130861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene			20.0	17.7		ug/Kg		88	73 - 120	5	30
Trichloroethene			20.0	18.0		ug/Kg		90	80 - 120	6	30
Vinyl chloride			20.0	16.9		ug/Kg		85	52 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*100*		*52 - 141*

Lab Sample ID: MB 410-131184/7
Matrix: Solid
Analysis Batch: 131184

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/27/21 00:07	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/27/21 00:07	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/27/21 00:07	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/27/21 00:07	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/27/21 00:07	1
Freon 113	ND		10	0.60	ug/Kg			05/27/21 00:07	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/27/21 00:07	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/27/21 00:07	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/27/21 00:07	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/27/21 00:07	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/27/21 00:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*		*05/27/21 00:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*		*05/27/21 00:07*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*		*05/27/21 00:07*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*		*05/27/21 00:07*	*1*

Lab Sample ID: LCS 410-131184/4
Matrix: Solid
Analysis Batch: 131184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	18.5		ug/Kg		92	69 - 123		
1,1-Dichloroethane			20.0	18.9		ug/Kg		94	79 - 120		
1,1-Dichloroethene			20.0	20.4		ug/Kg		102	73 - 129		
Chloroethane			20.0	17.9		ug/Kg		90	43 - 135		
cis-1,2-Dichloroethene			20.0	18.7		ug/Kg		93	80 - 125		
Freon 113			20.0	20.4		ug/Kg		102	64 - 135		
Freon 123a			20.0	19.9		ug/Kg		100	71 - 123		
Dichloromethane			20.0	19.0		ug/Kg		95	76 - 122		
Tetrachloroethene			20.0	17.7		ug/Kg		88	73 - 120		
Trichloroethene			20.0	18.0		ug/Kg		90	80 - 120		

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

Lab Sample ID: LCS 410-131184/4
Matrix: Solid
Analysis Batch: 131184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl chloride			20.0	19.0		ug/Kg		95	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
Toluene-d8 (Surr)	*101*		*52 - 141*

Lab Sample ID: LCSD 410-131184/5
Matrix: Solid
Analysis Batch: 131184

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.2		ug/Kg		91	69 - 123	2	30
1,1-Dichloroethane			20.0	18.3		ug/Kg		92	79 - 120	3	30
1,1-Dichloroethene			20.0	19.6		ug/Kg		98	73 - 129	4	30
Chloroethane			20.0	17.4		ug/Kg		87	43 - 135	3	30
cis-1,2-Dichloroethene			20.0	18.6		ug/Kg		93	80 - 125	1	30
Freon 113			20.0	20.0		ug/Kg		100	64 - 135	2	30
Freon 123a			20.0	19.5		ug/Kg		97	71 - 123	2	30
Dichloromethane			20.0	18.8		ug/Kg		94	76 - 122	1	30
Tetrachloroethene			20.0	17.2		ug/Kg		86	73 - 120	3	30
Trichloroethene			20.0	17.6		ug/Kg		88	80 - 120	2	30
Vinyl chloride			20.0	18.0		ug/Kg		90	52 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*99*		*52 - 141*

Lab Sample ID: MB 410-131390/8
Matrix: Solid
Analysis Batch: 131390

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*		*05/27/21 12:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*		*05/27/21 12:41*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*		*05/27/21 12:41*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*05/27/21 12:41*	*1*

Lab Sample ID: LCS 410-131390/5
Matrix: Solid
Analysis Batch: 131390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*50 - 141*

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

Lab Sample ID: LCS 410-131390/5
Matrix: Solid
Analysis Batch: 131390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		54 - 135
4-Bromofluorobenzene (Surr)	101		50 - 131
Toluene-d8 (Surr)	104		52 - 141

Lab Sample ID: LCSD 410-131390/6
Matrix: Solid
Analysis Batch: 131390

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	105		50 - 141
1,2-Dichloroethane-d4 (Surr)	108		54 - 135
4-Bromofluorobenzene (Surr)	102		50 - 131
Toluene-d8 (Surr)	103		52 - 141

GC/MS VOA

Prep Batch: 128983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-1	SS-21A	Total/NA	Solid	5035	
410-40499-2	SS-21B	Total/NA	Solid	5035	
410-40499-3	SS-22A	Total/NA	Solid	5035	
410-40499-4	SS-22B	Total/NA	Solid	5035	
410-40499-5	SS-23A	Total/NA	Solid	5035	
410-40499-6	SS-23B	Total/NA	Solid	5035	
410-40499-7	SS-24A	Total/NA	Solid	5035	
410-40499-8	SS-24B	Total/NA	Solid	5035	
410-40499-9	SS-25A	Total/NA	Solid	5035	
410-40499-10	SS-25B	Total/NA	Solid	5035	
410-40499-11	SS-26A	Total/NA	Solid	5035	
410-40499-12	SS-26B	Total/NA	Solid	5035	
410-40499-13	SS-27A	Total/NA	Solid	5035	
410-40499-14	SS-27B	Total/NA	Solid	5035	
410-40499-15	SS-28A	Total/NA	Solid	5035	
410-40499-16	SS-28B	Total/NA	Solid	5035	
410-40499-17	SS-29A	Total/NA	Solid	5035	
410-40499-18	SS-29B	Total/NA	Solid	5035	
410-40499-19	SS-30A	Total/NA	Solid	5035	
410-40499-20	SS-30B	Total/NA	Solid	5035	
410-40499-21	SS-31A	Total/NA	Solid	5035	
410-40499-22	SS-31B	Total/NA	Solid	5035	
410-40499-23	SS-32A	Total/NA	Solid	5035	
410-40499-24	SS-32B	Total/NA	Solid	5035	
410-40499-24 - RA	SS-32B	Total/NA	Solid	5035	
410-40499-25	SS-33A	Total/NA	Solid	5035	
410-40499-26	SS-33B	Total/NA	Solid	5035	
410-40499-27	SS-34A	Total/NA	Solid	5035	
410-40499-28	SS-34B	Total/NA	Solid	5035	
410-40499-29	SS-35A	Total/NA	Solid	5035	
410-40499-30	SS-35B	Total/NA	Solid	5035	
410-40499-31	SS-39A	Total/NA	Solid	5035	
410-40499-32	SS-39B	Total/NA	Solid	5035	
410-40499-33	SS-40A	Total/NA	Solid	5035	
410-40499-34	SS-40B	Total/NA	Solid	5035	
410-40499-35	SS-36A	Total/NA	Solid	5035	
410-40499-36	SS-36B	Total/NA	Solid	5035	

Analysis Batch: 130292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-1	SS-21A	Total/NA	Solid	8260D	128983
410-40499-2	SS-21B	Total/NA	Solid	8260D	128983
410-40499-3	SS-22A	Total/NA	Solid	8260D	128983
410-40499-4	SS-22B	Total/NA	Solid	8260D	128983
MB 410-130292/8	Method Blank	Total/NA	Solid	8260D	
LCS 410-130292/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-130292/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 130852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-5	SS-23A	Total/NA	Solid	8260D	128983

GC/MS VOA (Continued)

Analysis Batch: 130852 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-6	SS-23B	Total/NA	Solid	8260D	128983
410-40499-7	SS-24A	Total/NA	Solid	8260D	128983
410-40499-8	SS-24B	Total/NA	Solid	8260D	128983
410-40499-9	SS-25A	Total/NA	Solid	8260D	128983
410-40499-10	SS-25B	Total/NA	Solid	8260D	128983
410-40499-11	SS-26A	Total/NA	Solid	8260D	128983
410-40499-12	SS-26B	Total/NA	Solid	8260D	128983
410-40499-13	SS-27A	Total/NA	Solid	8260D	128983
410-40499-14	SS-27B	Total/NA	Solid	8260D	128983
410-40499-15	SS-28A	Total/NA	Solid	8260D	128983
410-40499-16	SS-28B	Total/NA	Solid	8260D	128983
410-40499-17	SS-29A	Total/NA	Solid	8260D	128983
410-40499-18	SS-29B	Total/NA	Solid	8260D	128983
410-40499-19	SS-30A	Total/NA	Solid	8260D	128983
410-40499-20	SS-30B	Total/NA	Solid	8260D	128983
410-40499-21	SS-31A	Total/NA	Solid	8260D	128983
MB 410-130852/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-130852/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-130852/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 130861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-25	SS-33A	Total/NA	Solid	8260D	128983
410-40499-26	SS-33B	Total/NA	Solid	8260D	128983
410-40499-27	SS-34A	Total/NA	Solid	8260D	128983
410-40499-28	SS-34B	Total/NA	Solid	8260D	128983
410-40499-29	SS-35A	Total/NA	Solid	8260D	128983
410-40499-30	SS-35B	Total/NA	Solid	8260D	128983
410-40499-31	SS-39A	Total/NA	Solid	8260D	128983
410-40499-32	SS-39B	Total/NA	Solid	8260D	128983
410-40499-33	SS-40A	Total/NA	Solid	8260D	128983
410-40499-34	SS-40B	Total/NA	Solid	8260D	128983
410-40499-35	SS-36A	Total/NA	Solid	8260D	128983
410-40499-36	SS-36B	Total/NA	Solid	8260D	128983
MB 410-130861/8	Method Blank	Total/NA	Solid	8260D	
LCS 410-130861/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-130861/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 131184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-22	SS-31B	Total/NA	Solid	8260D	128983
410-40499-23	SS-32A	Total/NA	Solid	8260D	128983
410-40499-24	SS-32B	Total/NA	Solid	8260D	128983
MB 410-131184/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-131184/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-131184/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 131390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-24 - RA	SS-32B	Total/NA	Solid	8260D	128983
MB 410-131390/8	Method Blank	Total/NA	Solid	8260D	

GC/MS VOA (Continued)

Analysis Batch: 131390 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-131390/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-131390/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

General Chemistry

Analysis Batch: 129216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-1	SS-21A	Total/NA	Solid	Moisture	
410-40499-2	SS-21B	Total/NA	Solid	Moisture	
410-40499-3	SS-22A	Total/NA	Solid	Moisture	
410-40499-4	SS-22B	Total/NA	Solid	Moisture	
410-40499-5	SS-23A	Total/NA	Solid	Moisture	
410-40499-6	SS-23B	Total/NA	Solid	Moisture	
410-40499-7	SS-24A	Total/NA	Solid	Moisture	
410-40499-8	SS-24B	Total/NA	Solid	Moisture	
410-40499-9	SS-25A	Total/NA	Solid	Moisture	
410-40499-10	SS-25B	Total/NA	Solid	Moisture	
410-40499-11	SS-26A	Total/NA	Solid	Moisture	
410-40499-12	SS-26B	Total/NA	Solid	Moisture	
410-40499-13	SS-27A	Total/NA	Solid	Moisture	
410-40499-14	SS-27B	Total/NA	Solid	Moisture	
410-40499-15	SS-28A	Total/NA	Solid	Moisture	
410-40499-16	SS-28B	Total/NA	Solid	Moisture	
410-40499-17	SS-29A	Total/NA	Solid	Moisture	
410-40499-18	SS-29B	Total/NA	Solid	Moisture	
410-40499-19	SS-30A	Total/NA	Solid	Moisture	
410-40499-20	SS-30B	Total/NA	Solid	Moisture	

Analysis Batch: 129238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-33	SS-40A	Total/NA	Solid	Moisture	
410-40499-34	SS-40B	Total/NA	Solid	Moisture	
410-40499-35	SS-36A	Total/NA	Solid	Moisture	
410-40499-36	SS-36B	Total/NA	Solid	Moisture	

Analysis Batch: 129246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-21	SS-31A	Total/NA	Solid	Moisture	
410-40499-22	SS-31B	Total/NA	Solid	Moisture	
410-40499-23	SS-32A	Total/NA	Solid	Moisture	
410-40499-24	SS-32B	Total/NA	Solid	Moisture	
410-40499-25	SS-33A	Total/NA	Solid	Moisture	
410-40499-26	SS-33B	Total/NA	Solid	Moisture	
410-40499-27	SS-34A	Total/NA	Solid	Moisture	
410-40499-28	SS-34B	Total/NA	Solid	Moisture	
410-40499-29	SS-35A	Total/NA	Solid	Moisture	
410-40499-30	SS-35B	Total/NA	Solid	Moisture	

Analysis Batch: 130281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-31	SS-39A	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 130281 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40499-32	SS-39B	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-21A
Date Collected: 05/19/21 06:41
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-21A
Date Collected: 05/19/21 06:41
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-1
Matrix: Solid
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130292	05/25/21 13:24	NSK7	ELLE

Client Sample ID: SS-21B
Date Collected: 05/19/21 06:44
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-21B
Date Collected: 05/19/21 06:44
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-2
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130292	05/25/21 13:46	NSK7	ELLE

Client Sample ID: SS-22A
Date Collected: 05/19/21 06:57
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-22A
Date Collected: 05/19/21 06:57
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-3
Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130292	05/25/21 14:09	NSK7	ELLE

Client Sample ID: SS-22B
Date Collected: 05/19/21 07:00
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-22B
Date Collected: 05/19/21 07:00
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-4
Matrix: Solid
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130292	05/25/21 14:32	NSK7	ELLE

Client Sample ID: SS-23A
Date Collected: 05/19/21 11:08
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-23A
Date Collected: 05/19/21 11:08
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-5
Matrix: Solid
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 12:54	NSK7	ELLE

Client Sample ID: SS-23B
Date Collected: 05/19/21 11:12
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-23B
Date Collected: 05/19/21 11:12
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-6
Matrix: Solid
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 13:18	NSK7	ELLE

Client Sample ID: SS-24A
Date Collected: 05/19/21 10:54
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-24A
Date Collected: 05/19/21 10:54
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-7
Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 13:42	NSK7	ELLE

Client Sample ID: SS-24B
Date Collected: 05/19/21 10:58
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-24B
Date Collected: 05/19/21 10:58
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-8
Matrix: Solid
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 16:09	NSK7	ELLE

Client Sample ID: SS-25A
Date Collected: 05/19/21 10:40
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-25A
Date Collected: 05/19/21 10:40
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-9
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 16:33	NSK7	ELLE

Client Sample ID: SS-25B
Date Collected: 05/19/21 10:45
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-25B
Date Collected: 05/19/21 10:45
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-10
Matrix: Solid
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 16:57	NSK7	ELLE

Client Sample ID: SS-26A
Date Collected: 05/19/21 09:16
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-26A
Date Collected: 05/19/21 09:16
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-11
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 17:20	NSK7	ELLE

Client Sample ID: SS-26B
Date Collected: 05/19/21 09:19
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-26B
Date Collected: 05/19/21 09:19
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-12
Matrix: Solid
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 17:44	NSK7	ELLE

Client Sample ID: SS-27A
Date Collected: 05/19/21 07:15
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-27A
Date Collected: 05/19/21 07:15
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-13
Matrix: Solid
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 18:08	NSK7	ELLE

Client Sample ID: SS-27B
Date Collected: 05/19/21 07:18
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-27B
Date Collected: 05/19/21 07:18
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-14
Matrix: Solid
Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 18:31	NSK7	ELLE

Client Sample ID: SS-28A
Date Collected: 05/19/21 09:22
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-28A
Date Collected: 05/19/21 09:22
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-15
Matrix: Solid
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 18:55	NSK7	ELLE

Client Sample ID: SS-28B
Date Collected: 05/19/21 09:25
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-28B
Lab Sample ID: 410-40499-16
Date Collected: 05/19/21 09:25
Matrix: Solid
Date Received: 05/20/21 11:03
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 19:19	NSK7	ELLE

Client Sample ID: SS-29A
Lab Sample ID: 410-40499-17
Date Collected: 05/19/21 09:57
Matrix: Solid
Date Received: 05/20/21 11:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-29A
Lab Sample ID: 410-40499-17
Date Collected: 05/19/21 09:57
Matrix: Solid
Date Received: 05/20/21 11:03
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 19:42	NSK7	ELLE

Client Sample ID: SS-29B
Lab Sample ID: 410-40499-18
Date Collected: 05/19/21 10:00
Matrix: Solid
Date Received: 05/20/21 11:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-29B
Lab Sample ID: 410-40499-18
Date Collected: 05/19/21 10:00
Matrix: Solid
Date Received: 05/20/21 11:03
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 20:06	NSK7	ELLE

Client Sample ID: SS-30A
Lab Sample ID: 410-40499-19
Date Collected: 05/19/21 09:36
Matrix: Solid
Date Received: 05/20/21 11:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-30A
Date Collected: 05/19/21 09:36
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-19
Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 20:29	NSK7	ELLE

Client Sample ID: SS-30B
Date Collected: 05/19/21 09:40
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129216	05/21/21 10:12	UGCW	ELLE

Client Sample ID: SS-30B
Date Collected: 05/19/21 09:40
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-20
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 20:53	NSK7	ELLE

Client Sample ID: SS-31A
Date Collected: 05/19/21 07:32
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Client Sample ID: SS-31A
Date Collected: 05/19/21 07:32
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-21
Matrix: Solid
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130852	05/26/21 21:17	NSK7	ELLE

Client Sample ID: SS-31B
Date Collected: 05/19/21 07:37
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-31B
Date Collected: 05/19/21 07:37
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-22
Matrix: Solid
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	131184	05/27/21 03:32	UCB5	ELLE

Client Sample ID: SS-32A
Date Collected: 05/19/21 07:49
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Client Sample ID: SS-32A
Date Collected: 05/19/21 07:49
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-23
Matrix: Solid
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	131184	05/27/21 03:54	UCB5	ELLE

Client Sample ID: SS-32B
Date Collected: 05/19/21 07:52
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Client Sample ID: SS-32B
Date Collected: 05/19/21 07:52
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-24
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	131184	05/27/21 04:17	UCB5	ELLE
Total/NA	Prep	5035	RA		128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D	RA	1	131390	05/27/21 17:52	NSK7	ELLE

Client Sample ID: SS-33A
Date Collected: 05/19/21 08:58
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-33A
Date Collected: 05/19/21 08:58
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-25
Matrix: Solid
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 16:46	NSK7	ELLE

Client Sample ID: SS-33B
Date Collected: 05/19/21 09:03
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Client Sample ID: SS-33B
Date Collected: 05/19/21 09:03
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-26
Matrix: Solid
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 17:08	NSK7	ELLE

Client Sample ID: SS-34A
Date Collected: 05/19/21 08:40
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Client Sample ID: SS-34A
Date Collected: 05/19/21 08:40
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-27
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 17:31	NSK7	ELLE

Client Sample ID: SS-34B
Date Collected: 05/19/21 08:44
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-34B
Date Collected: 05/19/21 08:44
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-28
Matrix: Solid
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 17:54	NSK7	ELLE

Client Sample ID: SS-35A
Date Collected: 05/19/21 08:04
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Client Sample ID: SS-35A
Date Collected: 05/19/21 08:04
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-29
Matrix: Solid
Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 18:16	NSK7	ELLE

Client Sample ID: SS-35B
Date Collected: 05/19/21 08:09
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129246	05/21/21 11:02	UGCW	ELLE

Client Sample ID: SS-35B
Date Collected: 05/19/21 08:09
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-30
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 18:39	NSK7	ELLE

Client Sample ID: SS-39A
Date Collected: 05/19/21 12:25
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	130281	05/25/21 08:36	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-39A
Date Collected: 05/19/21 12:25
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-31
Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 19:02	NSK7	ELLE

Client Sample ID: SS-39B
Date Collected: 05/19/21 12:33
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	130281	05/25/21 08:36	UGCW	ELLE

Client Sample ID: SS-39B
Date Collected: 05/19/21 12:33
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-32
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 19:24	NSK7	ELLE

Client Sample ID: SS-40A
Date Collected: 05/19/21 12:44
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129238	05/21/21 10:37	UGCW	ELLE

Client Sample ID: SS-40A
Date Collected: 05/19/21 12:44
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-33
Matrix: Solid
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 19:50	NSK7	ELLE

Client Sample ID: SS-40B
Date Collected: 05/19/21 12:52
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129238	05/21/21 10:37	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Client Sample ID: SS-40B
Date Collected: 05/19/21 12:52
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-34
Matrix: Solid
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 20:12	NSK7	ELLE

Client Sample ID: SS-36A
Date Collected: 05/19/21 08:24
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129238	05/21/21 10:37	UGCW	ELLE

Client Sample ID: SS-36A
Date Collected: 05/19/21 08:24
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-35
Matrix: Solid
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 20:35	NSK7	ELLE

Client Sample ID: SS-36B
Date Collected: 05/19/21 08:29
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129238	05/21/21 10:37	UGCW	ELLE

Client Sample ID: SS-36B
Date Collected: 05/19/21 08:29
Date Received: 05/20/21 11:03

Lab Sample ID: 410-40499-36
Matrix: Solid
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128983	05/20/21 20:07	UK3O	ELLE
Total/NA	Analysis	8260D		1	130861	05/26/21 20:57	NSK7	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Groundwater Sciences Corporation
Job ID: 410-40499-1
Project/Site: Endicott Shallow Soil Sampling

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	Freon 123a
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
5035	Closed System Purge and Trap	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40499-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-40499-1	SS-21A	Solid	05/19/21 06:41	05/20/21 11:03	
410-40499-2	SS-21B	Solid	05/19/21 06:44	05/20/21 11:03	
410-40499-3	SS-22A	Solid	05/19/21 06:57	05/20/21 11:03	
410-40499-4	SS-22B	Solid	05/19/21 07:00	05/20/21 11:03	
410-40499-5	SS-23A	Solid	05/19/21 11:08	05/20/21 11:03	
410-40499-6	SS-23B	Solid	05/19/21 11:12	05/20/21 11:03	
410-40499-7	SS-24A	Solid	05/19/21 10:54	05/20/21 11:03	
410-40499-8	SS-24B	Solid	05/19/21 10:58	05/20/21 11:03	
410-40499-9	SS-25A	Solid	05/19/21 10:40	05/20/21 11:03	
410-40499-10	SS-25B	Solid	05/19/21 10:45	05/20/21 11:03	
410-40499-11	SS-26A	Solid	05/19/21 09:16	05/20/21 11:03	
410-40499-12	SS-26B	Solid	05/19/21 09:19	05/20/21 11:03	
410-40499-13	SS-27A	Solid	05/19/21 07:15	05/20/21 11:03	
410-40499-14	SS-27B	Solid	05/19/21 07:18	05/20/21 11:03	
410-40499-15	SS-28A	Solid	05/19/21 09:22	05/20/21 11:03	
410-40499-16	SS-28B	Solid	05/19/21 09:25	05/20/21 11:03	
410-40499-17	SS-29A	Solid	05/19/21 09:57	05/20/21 11:03	
410-40499-18	SS-29B	Solid	05/19/21 10:00	05/20/21 11:03	
410-40499-19	SS-30A	Solid	05/19/21 09:36	05/20/21 11:03	
410-40499-20	SS-30B	Solid	05/19/21 09:40	05/20/21 11:03	
410-40499-21	SS-31A	Solid	05/19/21 07:32	05/20/21 11:03	
410-40499-22	SS-31B	Solid	05/19/21 07:37	05/20/21 11:03	
410-40499-23	SS-32A	Solid	05/19/21 07:49	05/20/21 11:03	
410-40499-24	SS-32B	Solid	05/19/21 07:52	05/20/21 11:03	
410-40499-25	SS-33A	Solid	05/19/21 08:58	05/20/21 11:03	
410-40499-26	SS-33B	Solid	05/19/21 09:03	05/20/21 11:03	
410-40499-27	SS-34A	Solid	05/19/21 08:40	05/20/21 11:03	
410-40499-28	SS-34B	Solid	05/19/21 08:44	05/20/21 11:03	
410-40499-29	SS-35A	Solid	05/19/21 08:04	05/20/21 11:03	
410-40499-30	SS-35B	Solid	05/19/21 08:09	05/20/21 11:03	
410-40499-31	SS-39A	Solid	05/19/21 12:25	05/20/21 11:03	
410-40499-32	SS-39B	Solid	05/19/21 12:33	05/20/21 11:03	
410-40499-33	SS-40A	Solid	05/19/21 12:44	05/20/21 11:03	
410-40499-34	SS-40B	Solid	05/19/21 12:52	05/20/21 11:03	
410-40499-35	SS-36A	Solid	05/19/21 08:24	05/20/21 11:03	
410-40499-36	SS-36B	Solid	05/19/21 08:29	05/20/21 11:03	

410-40499 Chain of Custody

, LLC

Chain of Custody Record

eurofins | Environment Testing America

Client Contact: Scott Morgan	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.8
Company: Groundwater Sciences Corporation	Phone: 717-798-1045	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 8 of 13
Address: 2601 Market Place Street, Suite 310	PWSID:	Due Date Requested:	Analysis Requested	Job #:
City: Harrisburg		TAT Requested (days):		Preservation Codes:
State, Zip: PA, 17110-9307		Compliance Project: Δ Yes Δ No		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Phone: 703-257-2586(Tel)		PO #: 4700158005		
Email: smorgan@groundwatersciences.com		WO #:		
Project Name: Endicott Shallow Soil Sampling		Project #: 41000254		
Site: New York		SSOW#:		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SS-21 A	5/19/21	0641	G	S			3	1		
SS-21 B		0644								
SS-22 A		0657								
SS-22 B		0700								
SS-23 A		1108								
SS-23 B		1112								
SS-24 A		1054								
SS-24 B		1058								
SS-25 A		1040								
SS-25 B		1045								
SS-26 A		0916								

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 5/19/21 1430	Company: GSC	Received by: FEDEX
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 5/19/21 1430	Company		
Date/Time:	Company		
Date/Time: 5/20/21 1103	Company: FEDEX		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.1°

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.9
Client Contact: Scott Morgan	Phone: 717-798-1045	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 9 of 13
Company: Groundwater Sciences Corporation	PWSID:	Analysis Requested		Job #:
Address: 2601 Market Place Street, Suite 310	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Harrisburg	TAT Requested (days):			
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No			
Phone: 703-257-2586(Tel)	PO #: 4700158005			
Email: smorgan@groundwatersciences.com	WO #:			
Project Name: Endicott Shallow Soil Sampling	Project #: 41000254			
Site: New York	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SS-26B	5/19/21	0919	G	S			3	1		
SS-27A		0715								
SS-27B		0718								
SS-28A		0922								
SS-28B		0925								
SS-29A		0957								
SS-29B		1000								
SS-30A		0936								
SS-30B		0940								
SS-31A		0732								
SS-31B		0737								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Erin Peeling	5/19/21 1430	GSC	FEDEX	5/19/21 1430	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/20/21 1103	Company FEDEX

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.1

Ver: 01/16/2019

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.10
Client Contact: Scott Morgan	Phone: 717-798-1045	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 10 of 13
Company: Groundwater Sciences Corporation	PWSID:			Job #:

Address: 2601 Market Place Street, Suite 310	Due Date Requested:
City: Harrisburg	TAT Requested (days):
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No
Phone: 703-257-2586(Tel)	PO #: 4700158005
Email: smorgan@groundwatersciences.com	WO #:
Project Name: Endicott Shallow Soil Sampling	Project #: 41000254
Site: New York	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
		Preservation Code:					N	N		
SS-32A	5/19/21	0749	G	S			3	1		
SS-32B		0752								
SS-33A		0858								
SS-33B		0903								
SS-34A		0840								
SS-34B		0844								
SS-35A		0804								
SS-35B		0809								
SS-39A		1225								
SS-39B		1233								
SS-40A		1244								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Erin Peeling	5/19/21 1430	GSC	FEDEX	5/19/21 1430	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/20/21 1103	Company FELF

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.1°

Environmental Analysis Request/Chain of Custody

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4 of 4

Acct. # ______ Group # ______ Sample # ______

Client: Groundwater Sciences Corporation

Project Name/#: Endicott OU1&2 Shallow Soil Sampling	Site ID #: 02007
Project Manager: Robert Watson	P.O. #: 02007.46.2001
Sampler: Erin Peeling	PWSID #:
Phone #: 717-798-1045	Quote #:
State where sample(s) were collected: NY	

Matrix: Sediment ☐ / Soil ☑; Water: Ground ☐ Surface ☐ Potable ☐ NPDES ☐; Other:

Analyses Requested — Preservation Codes: Encore (111TCA, 11DCA, 11DCE, PCE, TCE, Cis12DCE, VC, Chloroethane, Dichloromethane, Freon 113, Freon 123a); None (Moisture)

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil	Water	Other	Total # of Containers	111TCA, 11DCA, 11DCE, PCE, TCE, Cis12DCE, VC, Chloroethane, Dichloromethane, Freon 113, Freon 123a	Moisture	Remarks
SS-40B	5/19/21	1252	X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	
			X		X			4	3	1	

EP 5/19/21

For Lab Use Only

SF #: ______

SCR #: ______

Preservation Codes

H = HCl T = Thiosulfate

N = HNO_3 B = NaOH

S = H_2SO_4 P = H_3PO_4

O = Other

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐

(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☐ Phone ☐

E-mail Address:

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type IV (CLP SOW) ☐ TX TRRP-13 ☐

Type VI (Raw Data Only) ☐

EDD Required? Yes ☐ No ☐ If yes, format: ______

Relinquished by	Date	Time	Received by	Date	Time
Relinquished by: Erin Peeling [signature]	5/19/21	1430	Received by: FEDEX	5/19/21	1430
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	5/20/21	1103

Relinquished by Commercial Carrier:

UPS ______ FedEx ______ Other ______

Temperature upon receipt 1.1 °C

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 7045 0713

Envi[barcode] Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

410-40499 Chain of Custody

Sample # ______

Client: Groundwater Sciences Corporation		Matrix	Analyses Requested	For Lab Use Only
Project Name/#: Endicott ~~SU102~~ Shallow Soil Sampling	Site ID #: 02007		Preservation Codes	SF #: ______
Project Manager: Robert Watson	P.O. #: 02007.46.2001		Encore / None	SCR #: ______
Sampler: Erin Peeling	PWSID #:			
Phone #: 717-798-1045	Quote #:			
State where sample(s) were collected: NY				

Preservation Codes

H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; P = H_3PO_4; O = Other

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil ☑ Sediment	Water (☐ Potable ☐ NPDES / ☐ Ground ☐ Surface)	Other:	Total # of Containers	111TCA, 11DCA, 11DCE, PCE, TCE, Cis12DCE, VC, Chloroethane, Dichloromethane, Freon 113, Freon 123a (Encore)	Moisture (None)						Remarks
SS-39A	5/19/21	1225	X		X		1	4	~~3~~	1						
SS-39B	↓	1233	X		X		1	4	3	1						
			X		X			4	3	1						
			X		X			4	3	1						
			X		X			4	3	1						
			X		X			4	3	1						
			X		X	EP 5/20/21		4	3	1						
			X		X			4	3	1						
			X		X			4	3	1						
			X		X			4	3	1						
			X		X			4	3	1						
			X		X			4	3	1						
			X		X			4	3	1						

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐

(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☐ Phone ☐

E-mail Address:

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP)	☐	MA MCP	☐
Type III (Reduced non-CLP)	☐	CT RCP	☐
Type IV (CLP SOW)	☐	TX TRRP-13	☐
Type VI (Raw Data Only)	☐		

EDD Required? Yes ☐ No ☐ If yes, format: ______

Relinquished by	Date	Time	Received by	Date	Time
Relinquished by: Erin Peeling [signature]	5/20/21	1555	Received by: [signature]	5/20/21	1555
Relinquished by: [signature]	5/21/21	1133	Received by: [signature]	5/21/21	1133
Relinquished by: [signature]	5/21/21	1757	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by: [signature]	5-21-21	1817

Relinquished by Commercial Carrier: UPS ______ FedEx ______ Other ______

Temperature upon receipt 0.2 °C

KAM

7045 0713

Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-40499-1

Login Number: 40499
List Number: 1
Creator: Miller, Wesley R

List Source: Eurofins Lancaster Laboratories Env, LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-40499-1

Login Number: 40499
List Number: 2
Creator: Phillips, Ann-Marie E

List Source: Eurofins Lancaster Laboratories Env, LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-40334-1
Client Project/Site: Endicott Shallow Soil Sampling
Revision: 1

For:
Groundwater Sciences Corporation
2601 Market Place Street, Suite 310
Harrisburg, Pennsylvania 17110-9307

Attn: Scott Morgan

Authorized for release by:
6/1/2021 3:24:27 PM

Nicole Maljovec, Client Services Manager
(717)556-7259
Nicole.Maljovec@eurofinset.com

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

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

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

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Nicole Maljovec
Client Services Manager
6/1/2021 3:24:27 PM

Table of Contents

Definitions/Glossary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-40334-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-40334-1

Comments
No additional comments.

Revision
The report being provided is a revision of the original report sent on 5/28/2021. The report (revision 1) is being revised due to: Removing Benzene from compound list, which was not detected.

Receipt
The samples were received on 5/19/2021 11:01 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.3º C and 2.5º C.

Receipt Exceptions

The following samples had differing collection times on the COC and bottle labels:
One 4oz jar container label: SS-48A (410-40334-19). The container labels list time of 12:02, while the COC lists time of 12:00. The COC was followed for entry.

One 4oz jar container label: SS-48B (410-40334-20). The container labels list time of 12:00, while the COC lists time of 12:02. The COC was followed for entry.

The container label: SS-65B (410-40334-54). The container labels list time of 07:17, while the COC lists time of 07:15. The COC was followed for entry.

GC/MS VOA
Method 8260D: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following sample was outside acceptance criteria: SS-37A (410-40334-1). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260D: Internal standard (ISTD) response for 1,4-DCB-d4 for the following samples were outside acceptance criteria: SS-50A (410-40334-23), SS-55A (410-40334-33) and SS-55B (410-40334-34). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260D: Internal standard (ISTD) response for the following samples were outside control limits: SS-53A (410-40334-29) and SS-54B (410-40334-32). The sample(s) was re-analyzed and ISTD response was outside control limits.

Method 8260D: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 for the following samples were outside acceptance criteria: SS-53B (410-40334-30) and SS-60A (410-40334-43). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Methods 8260C, 8260D: The continuing calibration verification (CCV) associated with batch 410-130065 recovered outside acceptance criteria, low biased, for Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The following samples were diluted due to the abundance of non-target analytes: SS-60B (410-40334-44) and SS-61B (410-40334-46). Elevated reporting limits (RLs) are provided.

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

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

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-37A — Lab Sample ID: 410-40334-1

No Detections.

Client Sample ID: SS-37B — Lab Sample ID: 410-40334-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.85	J	4.9	0.59	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	2.0	J	4.9	0.49	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	32		4.9	0.49	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-38A — Lab Sample ID: 410-40334-3

No Detections.

Client Sample ID: SS-38B — Lab Sample ID: 410-40334-4

No Detections.

Client Sample ID: SS-41A — Lab Sample ID: 410-40334-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.2	J	5.8	0.58	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-41B — Lab Sample ID: 410-40334-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	6.4		5.5	0.55	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-42A — Lab Sample ID: 410-40334-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.5	J	5.0	0.50	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-42B — Lab Sample ID: 410-40334-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.4	J	5.3	0.53	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	7.3		5.3	0.53	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-43A — Lab Sample ID: 410-40334-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.0	J	6.0	0.72	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	1.7	J	6.0	0.60	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-43B — Lab Sample ID: 410-40334-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	15	F1	5.4	0.65	ug/Kg	1	☼	8260D	Total/NA
1,1-Dichloroethane	4.9	J	5.4	0.54	ug/Kg	1	☼	8260D	Total/NA
1,1-Dichloroethene	1.5	J	5.4	0.54	ug/Kg	1	☼	8260D	Total/NA
cis-1,2-Dichloroethene	2.0	J	5.4	0.54	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	0.87	J	5.4	0.54	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	23	F1	5.4	0.54	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-44A — Lab Sample ID: 410-40334-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.2	J	5.8	0.58	ug/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: SS-44B — Lab Sample ID: 410-40334-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.66	J	5.3	0.53	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-45A — Lab Sample ID: 410-40334-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.61	J	5.5	0.55	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-45B — Lab Sample ID: 410-40334-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.9	J	5.5	0.55	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-46A — Lab Sample ID: 410-40334-15

No Detections.

Client Sample ID: SS-46B — Lab Sample ID: 410-40334-16

No Detections.

Client Sample ID: SS-47A — Lab Sample ID: 410-40334-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.94	J	5.1	0.51	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-47B — Lab Sample ID: 410-40334-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.58	J	5.2	0.52	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.91	J	5.2	0.52	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-48A — Lab Sample ID: 410-40334-19

No Detections.

Client Sample ID: SS-48B — Lab Sample ID: 410-40334-20

No Detections.

Client Sample ID: SS-49A — Lab Sample ID: 410-40334-21

No Detections.

Client Sample ID: SS-49B — Lab Sample ID: 410-40334-22

No Detections.

Client Sample ID: SS-50A — Lab Sample ID: 410-40334-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	15		6.5	0.65	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-50B — Lab Sample ID: 410-40334-24

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-51A — Lab Sample ID: 410-40334-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.5	J	5.4	0.54	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-51B — Lab Sample ID: 410-40334-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.72	J	5.2	0.52	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-52A — Lab Sample ID: 410-40334-27

No Detections.

Client Sample ID: SS-52B — Lab Sample ID: 410-40334-28

No Detections.

Client Sample ID: SS-53A — Lab Sample ID: 410-40334-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.9	J	9.7	1.2	ug/Kg	1	☼	8260D	Total/NA
Dichloromethane	4.1	J	9.7	3.9	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	3.2	J	9.7	0.97	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-53B — Lab Sample ID: 410-40334-30

No Detections.

Client Sample ID: SS-54A — Lab Sample ID: 410-40334-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.9	J	7.5	0.91	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	26		7.5	0.75	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-54B — Lab Sample ID: 410-40334-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	11		9.2	1.1	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	52		9.2	0.92	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-55A — Lab Sample ID: 410-40334-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.5	J	5.3	0.63	ug/Kg	1	☼	8260D	Total/NA
1,1-Dichloroethane	0.59	J	5.3	0.53	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	5.4		5.3	0.53	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-55B — Lab Sample ID: 410-40334-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	31		6.7	0.80	ug/Kg	1	☼	8260D	Total/NA
1,1-Dichloroethane	1.1	J	6.7	0.67	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	11		6.7	0.67	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-56A — Lab Sample ID: 410-40334-35

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-56B — Lab Sample ID: 410-40334-36

No Detections.

Client Sample ID: SS-57A — Lab Sample ID: 410-40334-37

No Detections.

Client Sample ID: SS-57B — Lab Sample ID: 410-40334-38

No Detections.

Client Sample ID: SS-58A — Lab Sample ID: 410-40334-39

No Detections.

Client Sample ID: SS-58B — Lab Sample ID: 410-40334-40

No Detections.

Client Sample ID: SS-59A — Lab Sample ID: 410-40334-41

No Detections.

Client Sample ID: SS-59B — Lab Sample ID: 410-40334-42

No Detections.

Client Sample ID: SS-60A — Lab Sample ID: 410-40334-43

No Detections.

Client Sample ID: SS-60B — Lab Sample ID: 410-40334-44

No Detections.

Client Sample ID: SS-61A — Lab Sample ID: 410-40334-45

No Detections.

Client Sample ID: SS-61B — Lab Sample ID: 410-40334-46

No Detections.

Client Sample ID: SS-62A — Lab Sample ID: 410-40334-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	8.6		7.3	0.73	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-62B — Lab Sample ID: 410-40334-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4	J	5.4	0.54	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	2.9	J	5.4	0.54	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-63A — Lab Sample ID: 410-40334-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.3	J	6.9	0.69	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: SS-63B — Lab Sample ID: 410-40334-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.54	J	4.9	0.49	ug/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-64A — Lab Sample ID: 410-40334-51

No Detections.

Client Sample ID: SS-64B — Lab Sample ID: 410-40334-52

No Detections.

Client Sample ID: SS-65A — Lab Sample ID: 410-40334-53

No Detections.

Client Sample ID: SS-65B — Lab Sample ID: 410-40334-54

No Detections.

Client Sample ID: SS-66A — Lab Sample ID: 410-40334-55

No Detections.

Client Sample ID: SS-66B — Lab Sample ID: 410-40334-56

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-37A

Date Collected: 05/18/21 15:11
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-1

Matrix: Solid
Percent Solids: 93.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	0.78	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
1,1-Dichloroethane	ND		6.5	0.65	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
1,1-Dichloroethene	ND		6.5	0.65	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
Chloroethane	ND		6.5	1.3	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
cis-1,2-Dichloroethene	ND		6.5	0.65	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
Freon 113	ND		13	0.78	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
Freon 123a	ND		6.5	0.78	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
Dichloromethane	ND		6.5	2.6	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
Tetrachloroethene	ND		6.5	0.65	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
Trichloroethene	ND		6.5	0.65	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1
Vinyl chloride	ND	*+	6.5	0.78	ug/Kg	☼	05/20/21 11:31	05/23/21 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 11:31*	*05/23/21 16:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/20/21 11:31*	*05/23/21 16:39*	*1*
4-Bromofluorobenzene (Surr)	*79*		*50 - 131*	*05/20/21 11:31*	*05/23/21 16:39*	*1*
Toluene-d8 (Surr)	*111*		*52 - 141*	*05/20/21 11:31*	*05/23/21 16:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.5**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**93.5**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-37B

Date Collected: 05/18/21 15:14
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-2

Matrix: Solid
Percent Solids: 93.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.85**	**J**	4.9	0.59	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
1,1-Dichloroethane	ND		4.9	0.49	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
1,1-Dichloroethene	ND		4.9	0.49	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
Chloroethane	ND		4.9	0.98	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
cis-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
Freon 113	ND		9.8	0.59	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
Freon 123a	ND		4.9	0.59	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
Dichloromethane	ND		4.9	2.0	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
Tetrachloroethene	**2.0**	**J**	4.9	0.49	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
Trichloroethene	**32**		4.9	0.49	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1
Vinyl chloride	ND	*+	4.9	0.59	ug/Kg	☼	05/20/21 11:31	05/23/21 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*05/20/21 11:31*	*05/23/21 17:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 11:31*	*05/23/21 17:02*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*05/20/21 11:31*	*05/23/21 17:02*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 11:31*	*05/23/21 17:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.1**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**93.9**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-38A

Date Collected: 05/18/21 14:57
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-3

Matrix: Solid
Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.71	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
1,1-Dichloroethane	ND		5.9	0.59	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
1,1-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
Chloroethane	ND		5.9	1.2	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
cis-1,2-Dichloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
Freon 113	ND		12	0.71	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
Freon 123a	ND		5.9	0.71	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
Dichloromethane	ND		5.9	2.4	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
Tetrachloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
Trichloroethene	ND		5.9	0.59	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1
Vinyl chloride	ND	*+	5.9	0.71	ug/Kg	☼	05/20/21 11:31	05/23/21 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 11:31*	*05/23/21 17:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/20/21 11:31*	*05/23/21 17:26*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/20/21 11:31*	*05/23/21 17:26*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 11:31*	*05/23/21 17:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.8**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**90.2**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-38B

Date Collected: 05/18/21 15:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-4

Matrix: Solid
Percent Solids: 94.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.62	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
Freon 113	ND		10	0.62	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
Freon 123a	ND		5.2	0.62	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
Dichloromethane	ND		5.2	2.1	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
Tetrachloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
Trichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1
Vinyl chloride	ND	*+	5.2	0.62	ug/Kg	☼	05/20/21 11:31	05/23/21 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*05/20/21 11:31*	*05/23/21 17:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*54 - 135*	*05/20/21 11:31*	*05/23/21 17:49*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*05/20/21 11:31*	*05/23/21 17:49*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 11:31*	*05/23/21 17:49*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.7**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**94.3**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-41A

Date Collected: 05/18/21 14:33
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-5

Matrix: Solid
Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.69	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
1,1-Dichloroethane	ND		5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
1,1-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
Chloroethane	ND		5.8	1.2	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
Freon 113	ND		12	0.69	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
Freon 123a	ND		5.8	0.69	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
Dichloromethane	ND		5.8	2.3	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
Tetrachloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
Trichloroethene	**1.2**	**J**	5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1
Vinyl chloride	ND	*+	5.8	0.69	ug/Kg	☼	05/20/21 10:45	05/23/21 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 10:45*	*05/23/21 18:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/20/21 10:45*	*05/23/21 18:13*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/20/21 10:45*	*05/23/21 18:13*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 10:45*	*05/23/21 18:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.8**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**90.2**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-41B

Date Collected: 05/18/21 14:36
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-6

Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
Trichloroethene	**6.4**		5.5	0.55	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1
Vinyl chloride	ND	*+	5.5	0.66	ug/Kg	☼	05/20/21 11:31	05/23/21 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 11:31*	*05/23/21 18:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 11:31*	*05/23/21 18:36*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/20/21 11:31*	*05/23/21 18:36*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 11:31*	*05/23/21 18:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.3**		1.0	1.0	%			05/22/21 09:42	1
Percent Solids	**91.7**		1.0	1.0	%			05/22/21 09:42	1

Client Sample ID: SS-42A

Date Collected: 05/18/21 14:15
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-7

Matrix: Solid
Percent Solids: 96.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.59	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
Chloroethane	ND		5.0	0.99	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
Freon 113	ND		9.9	0.59	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
Freon 123a	ND		5.0	0.59	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
Dichloromethane	ND		5.0	2.0	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
Trichloroethene	**3.5**	**J**	5.0	0.50	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1
Vinyl chloride	ND		5.0	0.59	ug/Kg	☼	05/20/21 10:45	05/24/21 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*05/20/21 10:45*	*05/24/21 12:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*05/20/21 10:45*	*05/24/21 12:17*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*05/20/21 10:45*	*05/24/21 12:17*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 10:45*	*05/24/21 12:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**3.8**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**96.2**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-42B

Date Collected: 05/18/21 14:18
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-8

Matrix: Solid
Percent Solids: 93.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.64	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
Freon 113	ND		11	0.64	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
Freon 123a	ND		5.3	0.64	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
Dichloromethane	ND		5.3	2.1	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
Tetrachloroethene	**1.4**	**J**	5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
Trichloroethene	**7.3**		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1
Vinyl chloride	ND		5.3	0.64	ug/Kg	☼	05/20/21 10:45	05/24/21 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*05/20/21 10:45*	*05/24/21 12:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*05/20/21 10:45*	*05/24/21 12:40*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*05/20/21 10:45*	*05/24/21 12:40*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 10:45*	*05/24/21 12:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.9**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**93.1**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-43A

Date Collected: 05/18/21 14:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-9

Matrix: Solid
Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.0**	**J**	6.0	0.72	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
1,1-Dichloroethane	ND		6.0	0.60	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
1,1-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
Chloroethane	ND		6.0	1.2	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
cis-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
Freon 113	ND		12	0.72	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
Freon 123a	ND		6.0	0.72	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
Dichloromethane	ND		6.0	2.4	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
Tetrachloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
Trichloroethene	**1.7**	**J**	6.0	0.60	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1
Vinyl chloride	ND		6.0	0.72	ug/Kg	☼	05/20/21 11:31	05/24/21 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 11:31*	*05/24/21 13:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 11:31*	*05/24/21 13:03*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*05/20/21 11:31*	*05/24/21 13:03*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*05/20/21 11:31*	*05/24/21 13:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**16.8**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**83.2**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-43B

Date Collected: 05/18/21 14:03
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-10

Matrix: Solid
Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**15**	**F1**	5.4	0.65	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
1,1-Dichloroethane	**4.9**	**J**	5.4	0.54	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
1,1-Dichloroethene	**1.5**	**J**	5.4	0.54	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
cis-1,2-Dichloroethene	**2.0**	**J**	5.4	0.54	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
Freon 123a	ND	F1	5.4	0.65	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
Dichloromethane	ND	F1	5.4	2.2	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
Tetrachloroethene	**0.87**	**J**	5.4	0.54	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
Trichloroethene	**23**	**F1**	5.4	0.54	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1
Vinyl chloride	ND	F1	5.4	0.65	ug/Kg	☼	05/20/21 10:45	05/24/21 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 10:45*	*05/24/21 13:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 10:45*	*05/24/21 13:27*	*1*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*05/20/21 10:45*	*05/24/21 13:27*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 10:45*	*05/24/21 13:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.9**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**90.1**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-44A

Date Collected: 05/18/21 13:50
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-11

Matrix: Solid
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.70	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
1,1-Dichloroethane	ND		5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
1,1-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
Chloroethane	ND		5.8	1.2	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
Freon 113	ND		12	0.70	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
Freon 123a	ND		5.8	0.70	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
Dichloromethane	ND		5.8	2.3	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
Tetrachloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
Trichloroethene	**1.2**	**J**	5.8	0.58	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1
Vinyl chloride	ND		5.8	0.70	ug/Kg	☼	05/20/21 10:45	05/24/21 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 10:45*	*05/24/21 14:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*54 - 135*	*05/20/21 10:45*	*05/24/21 14:14*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/20/21 10:45*	*05/24/21 14:14*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 10:45*	*05/24/21 14:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**15.4**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**84.6**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-44B

Date Collected: 05/18/21 13:53
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-12

Matrix: Solid
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.64	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
Freon 113	ND		11	0.64	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
Freon 123a	ND		5.3	0.64	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
Dichloromethane	ND		5.3	2.1	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
Trichloroethene	**0.66**	**J**	5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1
Vinyl chloride	ND		5.3	0.64	ug/Kg	☼	05/20/21 10:45	05/24/21 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*50 - 141*	*05/20/21 10:45*	*05/24/21 14:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 10:45*	*05/24/21 14:37*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/20/21 10:45*	*05/24/21 14:37*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 10:45*	*05/24/21 14:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**14.5**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**85.5**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-45A

Date Collected: 05/18/21 13:30
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-13

Matrix: Solid
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
Trichloroethene	**0.61**	**J**	5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 10:45*	*05/24/21 15:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*05/20/21 10:45*	*05/24/21 15:01*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/20/21 10:45*	*05/24/21 15:01*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 10:45*	*05/24/21 15:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.0**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**91.0**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-45B

Date Collected: 05/18/21 13:33
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-14

Matrix: Solid
Percent Solids: 89.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
Trichloroethene	**1.9**	**J**	5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 10:45*	*05/24/21 15:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 10:45*	*05/24/21 15:25*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/20/21 10:45*	*05/24/21 15:25*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 10:45*	*05/24/21 15:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.6**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**89.4**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-46A

Date Collected: 05/18/21 13:17
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-15

Matrix: Solid
Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 10:45	05/24/21 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 10:45*	*05/24/21 15:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*05/20/21 10:45*	*05/24/21 15:48*	*1*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*05/20/21 10:45*	*05/24/21 15:48*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 10:45*	*05/24/21 15:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.8**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**88.2**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-46B

Date Collected: 05/18/21 13:20
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-16

Matrix: Solid
Percent Solids: 89.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.63	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
Freon 113	ND		11	0.63	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
Freon 123a	ND		5.3	0.63	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
Dichloromethane	ND		5.3	2.1	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
Trichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1
Vinyl chloride	ND		5.3	0.63	ug/Kg	☼	05/20/21 10:45	05/24/21 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 10:45*	*05/24/21 16:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*05/20/21 10:45*	*05/24/21 16:12*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*05/20/21 10:45*	*05/24/21 16:12*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 10:45*	*05/24/21 16:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.7**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**89.3**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-47A

Date Collected: 05/18/21 11:47
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-17

Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.61	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
Freon 113	ND		10	0.61	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
Freon 123a	ND		5.1	0.61	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
Dichloromethane	ND		5.1	2.0	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
Trichloroethene	**0.94**	**J**	5.1	0.51	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1
Vinyl chloride	ND		5.1	0.61	ug/Kg	☼	05/20/21 08:35	05/24/21 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 08:35*	*05/24/21 16:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*54 - 135*	*05/20/21 08:35*	*05/24/21 16:35*	*1*
4-Bromofluorobenzene (Surr)	*89*		*50 - 131*	*05/20/21 08:35*	*05/24/21 16:35*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 08:35*	*05/24/21 16:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.3**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**87.7**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-47B

Date Collected: 05/18/21 11:51
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-18

Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.62	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
Freon 113	ND		10	0.62	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
Freon 123a	ND		5.2	0.62	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
Dichloromethane	ND		5.2	2.1	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
Tetrachloroethene	**0.58**	**J**	5.2	0.52	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
Trichloroethene	**0.91**	**J**	5.2	0.52	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1
Vinyl chloride	ND		5.2	0.62	ug/Kg	☼	05/20/21 08:35	05/24/21 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 08:35*	*05/24/21 16:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*54 - 135*	*05/20/21 08:35*	*05/24/21 16:59*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*05/20/21 08:35*	*05/24/21 16:59*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*	*05/20/21 08:35*	*05/24/21 16:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.9**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**87.1**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-48A

Date Collected: 05/18/21 12:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-19

Matrix: Solid
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 09:29*	*05/24/21 13:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/20/21 09:29*	*05/24/21 13:07*	*1*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*05/20/21 09:29*	*05/24/21 13:07*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 09:29*	*05/24/21 13:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.0**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**91.0**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-48B

Date Collected: 05/18/21 12:02
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-20

Matrix: Solid
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.61	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
1,1-Dichloroethane	ND		5.1	0.51	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
1,1-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
Freon 113	ND		10	0.61	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
Freon 123a	ND		5.1	0.61	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
Dichloromethane	ND		5.1	2.0	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
Tetrachloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
Trichloroethene	ND		5.1	0.51	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1
Vinyl chloride	ND		5.1	0.61	ug/Kg	☼	05/20/21 09:29	05/24/21 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 09:29*	*05/24/21 13:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/20/21 09:29*	*05/24/21 13:30*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/20/21 09:29*	*05/24/21 13:30*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 09:29*	*05/24/21 13:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.4**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**91.6**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-49A

Date Collected: 05/18/21 13:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-21

Matrix: Solid
Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.63	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
1,1-Dichloroethane	ND		5.3	0.53	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
Freon 113	ND		11	0.63	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
Freon 123a	ND		5.3	0.63	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
Dichloromethane	ND		5.3	2.1	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
Trichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1
Vinyl chloride	ND		5.3	0.63	ug/Kg	☼	05/20/21 09:29	05/24/21 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 09:29*	*05/24/21 13:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/20/21 09:29*	*05/24/21 13:52*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/20/21 09:29*	*05/24/21 13:52*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 09:29*	*05/24/21 13:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.6**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**92.4**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-49B

Date Collected: 05/18/21 13:03
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-22

Matrix: Solid
Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.58	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
1,1-Dichloroethane	ND		4.8	0.48	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
1,1-Dichloroethene	ND		4.8	0.48	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
Chloroethane	ND		4.8	0.97	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
cis-1,2-Dichloroethene	ND		4.8	0.48	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
Freon 113	ND		9.7	0.58	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
Freon 123a	ND		4.8	0.58	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
Dichloromethane	ND		4.8	1.9	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
Tetrachloroethene	ND		4.8	0.48	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
Trichloroethene	ND		4.8	0.48	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1
Vinyl chloride	ND		4.8	0.58	ug/Kg	☼	05/20/21 09:29	05/24/21 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 09:29*	*05/24/21 14:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/20/21 09:29*	*05/24/21 14:15*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/20/21 09:29*	*05/24/21 14:15*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*05/20/21 09:29*	*05/24/21 14:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.5**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**90.5**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-50A

Date Collected: 05/18/21 12:50
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-23

Matrix: Solid
Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	0.78	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
1,1-Dichloroethane	ND		6.5	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
1,1-Dichloroethene	ND		6.5	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
Chloroethane	ND		6.5	1.3	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
cis-1,2-Dichloroethene	ND		6.5	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
Freon 113	ND		13	0.78	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
Freon 123a	ND		6.5	0.78	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
Dichloromethane	ND		6.5	2.6	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
Tetrachloroethene	ND		6.5	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
Trichloroethene	**15**		6.5	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1
Vinyl chloride	ND		6.5	0.78	ug/Kg	☼	05/20/21 09:29	05/24/21 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*50 - 141*	*05/20/21 09:29*	*05/24/21 14:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*05/20/21 09:29*	*05/24/21 14:37*	*1*
4-Bromofluorobenzene (Surr)	*72*		*50 - 131*	*05/20/21 09:29*	*05/24/21 14:37*	*1*
Toluene-d8 (Surr)	*124*		*52 - 141*	*05/20/21 09:29*	*05/24/21 14:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.4**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**88.6**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-50B

Date Collected: 05/18/21 12:52
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-24

Matrix: Solid
Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6	0.55	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
1,1-Dichloroethane	ND		4.6	0.46	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
1,1-Dichloroethene	ND		4.6	0.46	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
Chloroethane	ND		4.6	0.92	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
cis-1,2-Dichloroethene	ND		4.6	0.46	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
Freon 113	ND		9.2	0.55	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
Freon 123a	ND		4.6	0.55	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
Dichloromethane	ND		4.6	1.8	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
Tetrachloroethene	ND		4.6	0.46	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
Trichloroethene	ND		4.6	0.46	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1
Vinyl chloride	ND		4.6	0.55	ug/Kg	☼	05/20/21 09:29	05/25/21 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*50 - 141*	*05/20/21 09:29*	*05/25/21 12:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/20/21 09:29*	*05/25/21 12:58*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*	*05/20/21 09:29*	*05/25/21 12:58*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*05/20/21 09:29*	*05/25/21 12:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.1**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**92.9**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-51A

Date Collected: 05/18/21 12:37
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-25

Matrix: Solid
Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
Trichloroethene	**2.5**	**J**	5.4	0.54	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/20/21 09:29	05/24/21 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 09:29*	*05/24/21 15:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/20/21 09:29*	*05/24/21 15:23*	*1*
4-Bromofluorobenzene (Surr)	*87*		*50 - 131*	*05/20/21 09:29*	*05/24/21 15:23*	*1*
Toluene-d8 (Surr)	*107*		*52 - 141*	*05/20/21 09:29*	*05/24/21 15:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.8**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**90.2**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-51B

Date Collected: 05/18/21 12:39
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-26

Matrix: Solid
Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.63	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
Freon 113	ND		10	0.63	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
Freon 123a	ND		5.2	0.63	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
Dichloromethane	ND		5.2	2.1	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
Tetrachloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
Trichloroethene	**0.72**	**J**	5.2	0.52	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1
Vinyl chloride	ND		5.2	0.63	ug/Kg	☼	05/20/21 09:29	05/24/21 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 09:29*	*05/24/21 15:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*05/20/21 09:29*	*05/24/21 15:45*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*05/20/21 09:29*	*05/24/21 15:45*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 09:29*	*05/24/21 15:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.4**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**91.6**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-52A

Date Collected: 05/18/21 12:23
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-27

Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.73	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
1,1-Dichloroethane	ND		6.1	0.61	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
1,1-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
Chloroethane	ND		6.1	1.2	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
cis-1,2-Dichloroethene	ND		6.1	0.61	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
Freon 113	ND		12	0.73	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
Freon 123a	ND		6.1	0.73	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
Dichloromethane	ND		6.1	2.4	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
Tetrachloroethene	ND		6.1	0.61	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
Trichloroethene	ND		6.1	0.61	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1
Vinyl chloride	ND		6.1	0.73	ug/Kg	☼	05/20/21 09:29	05/24/21 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 09:29*	*05/24/21 16:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*	*05/20/21 09:29*	*05/24/21 16:08*	*1*
4-Bromofluorobenzene (Surr)	*86*		*50 - 131*	*05/20/21 09:29*	*05/24/21 16:08*	*1*
Toluene-d8 (Surr)	*108*		*52 - 141*	*05/20/21 09:29*	*05/24/21 16:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.9**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**87.1**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-52B

Date Collected: 05/18/21 12:26
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-28

Matrix: Solid
Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.66	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
1,1-Dichloroethane	ND		5.5	0.55	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
1,1-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
Chloroethane	ND		5.5	1.1	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
cis-1,2-Dichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
Freon 113	ND		11	0.66	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
Freon 123a	ND		5.5	0.66	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
Dichloromethane	ND		5.5	2.2	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
Tetrachloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
Trichloroethene	ND		5.5	0.55	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1
Vinyl chloride	ND		5.5	0.66	ug/Kg	☼	05/20/21 09:29	05/24/21 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 09:29*	*05/24/21 16:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/20/21 09:29*	*05/24/21 16:33*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*05/20/21 09:29*	*05/24/21 16:33*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*05/20/21 09:29*	*05/24/21 16:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.4**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**88.6**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-53A

Lab Sample ID: 410-40334-29

Date Collected: 05/18/21 10:50
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 72.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.9**	**J**	9.7	1.2	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
1,1-Dichloroethane	ND		9.7	0.97	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
1,1-Dichloroethene	ND		9.7	0.97	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
Chloroethane	ND		9.7	1.9	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
cis-1,2-Dichloroethene	ND		9.7	0.97	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
Freon 113	ND		19	1.2	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
Freon 123a	ND		9.7	1.2	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
Dichloromethane	**4.1**	**J**	9.7	3.9	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
Tetrachloroethene	ND	*3	9.7	0.97	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
Trichloroethene	**3.2**	**J**	9.7	0.97	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1
Vinyl chloride	ND		9.7	1.2	ug/Kg	☼	05/20/21 08:35	05/25/21 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/20/21 08:35*	*05/25/21 13:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/20/21 08:35*	*05/25/21 13:21*	*1*
4-Bromofluorobenzene (Surr)	*70*	*3	*50 - 131*	*05/20/21 08:35*	*05/25/21 13:21*	*1*
Toluene-d8 (Surr)	*139*	*3	*52 - 141*	*05/20/21 08:35*	*05/25/21 13:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**27.8**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**72.2**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-53B

Lab Sample ID: 410-40334-30

Date Collected: 05/18/21 10:52
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 87.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.4	1.0	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
1,1-Dichloroethane	ND		8.4	0.84	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
1,1-Dichloroethene	ND		8.4	0.84	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
Chloroethane	ND		8.4	1.7	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
cis-1,2-Dichloroethene	ND		8.4	0.84	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
Freon 113	ND		17	1.0	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
Freon 123a	ND		8.4	1.0	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
Dichloromethane	ND		8.4	3.4	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
Tetrachloroethene	ND		8.4	0.84	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
Trichloroethene	ND		8.4	0.84	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1
Vinyl chloride	ND		8.4	1.0	ug/Kg	☼	05/20/21 08:35	05/25/21 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*	*05/20/21 08:35*	*05/25/21 13:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/20/21 08:35*	*05/25/21 13:45*	*1*
4-Bromofluorobenzene (Surr)	*81*		*50 - 131*	*05/20/21 08:35*	*05/25/21 13:45*	*1*
Toluene-d8 (Surr)	*114*		*52 - 141*	*05/20/21 08:35*	*05/25/21 13:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.1**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**87.9**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-54A

Date Collected: 05/18/21 11:02
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-31

Matrix: Solid
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.9**	**J**	7.5	0.91	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
1,1-Dichloroethane	ND		7.5	0.75	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
1,1-Dichloroethene	ND		7.5	0.75	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
Chloroethane	ND		7.5	1.5	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
cis-1,2-Dichloroethene	ND		7.5	0.75	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
Freon 113	ND		15	0.91	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
Freon 123a	ND		7.5	0.91	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
Dichloromethane	ND		7.5	3.0	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
Tetrachloroethene	ND		7.5	0.75	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
Trichloroethene	**26**		7.5	0.75	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1
Vinyl chloride	ND		7.5	0.91	ug/Kg	☼	05/20/21 08:35	05/25/21 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*	*05/20/21 08:35*	*05/25/21 14:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/20/21 08:35*	*05/25/21 14:09*	*1*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*05/20/21 08:35*	*05/25/21 14:09*	*1*
Toluene-d8 (Surr)	*108*		*52 - 141*	*05/20/21 08:35*	*05/25/21 14:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**14.6**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**85.4**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-54B

Date Collected: 05/18/21 11:05
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-32

Matrix: Solid
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**11**		9.2	1.1	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
1,1-Dichloroethane	ND		9.2	0.92	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
1,1-Dichloroethene	ND		9.2	0.92	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
Chloroethane	ND		9.2	1.8	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
cis-1,2-Dichloroethene	ND		9.2	0.92	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
Freon 113	ND		18	1.1	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
Freon 123a	ND		9.2	1.1	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
Dichloromethane	ND		9.2	3.7	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
Tetrachloroethene	ND	*3	9.2	0.92	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
Trichloroethene	**52**		9.2	0.92	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1
Vinyl chloride	ND		9.2	1.1	ug/Kg	☼	05/20/21 08:35	05/25/21 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 08:35*	*05/25/21 14:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*05/20/21 08:35*	*05/25/21 14:32*	*1*
4-Bromofluorobenzene (Surr)	*68*	*3*	*50 - 131*	*05/20/21 08:35*	*05/25/21 14:32*	*1*
Toluene-d8 (Surr)	*132*	*3*	*52 - 141*	*05/20/21 08:35*	*05/25/21 14:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.1**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**86.9**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-55A

Date Collected: 05/18/21 10:35
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-33

Matrix: Solid
Percent Solids: 90.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.5**	**J**	5.3	0.63	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
1,1-Dichloroethane	**0.59**	**J**	5.3	0.53	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
1,1-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
cis-1,2-Dichloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
Freon 113	ND		11	0.63	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
Freon 123a	ND		5.3	0.63	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
Dichloromethane	ND		5.3	2.1	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
Tetrachloroethene	ND		5.3	0.53	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
Trichloroethene	**5.4**		5.3	0.53	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1
Vinyl chloride	ND		5.3	0.63	ug/Kg	☼	05/20/21 08:35	05/24/21 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/20/21 08:35*	*05/24/21 18:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*05/20/21 08:35*	*05/24/21 18:26*	*1*
4-Bromofluorobenzene (Surr)	*80*		*50 - 131*	*05/20/21 08:35*	*05/24/21 18:26*	*1*
Toluene-d8 (Surr)	*113*		*52 - 141*	*05/20/21 08:35*	*05/24/21 18:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.1**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**90.9**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-55B

Date Collected: 05/18/21 10:38
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-34

Matrix: Solid
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**31**		6.7	0.80	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
1,1-Dichloroethane	**1.1**	**J**	6.7	0.67	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
1,1-Dichloroethene	ND		6.7	0.67	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
Chloroethane	ND		6.7	1.3	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
cis-1,2-Dichloroethene	ND		6.7	0.67	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
Freon 113	ND		13	0.80	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
Freon 123a	ND		6.7	0.80	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
Dichloromethane	ND		6.7	2.7	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
Tetrachloroethene	ND		6.7	0.67	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
Trichloroethene	**11**		6.7	0.67	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1
Vinyl chloride	ND		6.7	0.80	ug/Kg	☼	05/20/21 08:35	05/24/21 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*50 - 141*	*05/20/21 08:35*	*05/24/21 18:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/20/21 08:35*	*05/24/21 18:48*	*1*
4-Bromofluorobenzene (Surr)	*80*		*50 - 131*	*05/20/21 08:35*	*05/24/21 18:48*	*1*
Toluene-d8 (Surr)	*116*		*52 - 141*	*05/20/21 08:35*	*05/24/21 18:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.6**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**93.4**		1.0	1.0	%			05/20/21 12:29	1

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-56A

Date Collected: 05/18/21 09:20
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-35

Matrix: Solid
Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.69	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
1,1-Dichloroethane	ND		5.8	0.58	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
1,1-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
Chloroethane	ND		5.8	1.2	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
Freon 113	ND		12	0.69	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
Freon 123a	ND		5.8	0.69	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
Dichloromethane	ND		5.8	2.3	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
Tetrachloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
Trichloroethene	ND		5.8	0.58	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1
Vinyl chloride	ND		5.8	0.69	ug/Kg	☼	05/20/21 06:54	05/24/21 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*05/20/21 06:54*	*05/24/21 19:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/20/21 06:54*	*05/24/21 19:11*	*1*
4-Bromofluorobenzene (Surr)	*85*		*50 - 131*	*05/20/21 06:54*	*05/24/21 19:11*	*1*
Toluene-d8 (Surr)	*107*		*52 - 141*	*05/20/21 06:54*	*05/24/21 19:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.8**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**88.2**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-56B

Date Collected: 05/18/21 09:22
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-36

Matrix: Solid
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	0.62	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
1,1-Dichloroethane	ND		5.2	0.52	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
1,1-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
Chloroethane	ND		5.2	1.0	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
cis-1,2-Dichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
Freon 113	ND		10	0.62	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
Freon 123a	ND		5.2	0.62	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
Dichloromethane	ND		5.2	2.1	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
Tetrachloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
Trichloroethene	ND		5.2	0.52	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1
Vinyl chloride	ND		5.2	0.62	ug/Kg	☼	05/20/21 06:54	05/24/21 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*05/20/21 06:54*	*05/24/21 19:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*05/20/21 06:54*	*05/24/21 19:33*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*05/20/21 06:54*	*05/24/21 19:33*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*05/20/21 06:54*	*05/24/21 19:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.3**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**91.7**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-57A

Date Collected: 05/18/21 09:32
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-37

Matrix: Solid
Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.72	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
1,1-Dichloroethane	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
1,1-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
Chloroethane	ND		6.0	1.2	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
cis-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
Freon 113	ND		12	0.72	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
Freon 123a	ND		6.0	0.72	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
Dichloromethane	ND		6.0	2.4	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
Tetrachloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
Trichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1
Vinyl chloride	ND		6.0	0.72	ug/Kg	☼	05/20/21 06:54	05/24/21 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*05/20/21 06:54*	*05/24/21 19:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*05/20/21 06:54*	*05/24/21 19:56*	*1*
4-Bromofluorobenzene (Surr)	*85*		*50 - 131*	*05/20/21 06:54*	*05/24/21 19:56*	*1*
Toluene-d8 (Surr)	*109*		*52 - 141*	*05/20/21 06:54*	*05/24/21 19:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**17.3**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**82.7**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-57B

Date Collected: 05/18/21 09:34
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-38

Matrix: Solid
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.72	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
1,1-Dichloroethane	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
1,1-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
Chloroethane	ND		6.0	1.2	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
cis-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
Freon 113	ND		12	0.72	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
Freon 123a	ND		6.0	0.72	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
Dichloromethane	ND		6.0	2.4	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
Tetrachloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
Trichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1
Vinyl chloride	ND		6.0	0.72	ug/Kg	☼	05/20/21 06:54	05/24/21 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*50 - 141*	*05/20/21 06:54*	*05/24/21 20:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/20/21 06:54*	*05/24/21 20:19*	*1*
4-Bromofluorobenzene (Surr)	*81*		*50 - 131*	*05/20/21 06:54*	*05/24/21 20:19*	*1*
Toluene-d8 (Surr)	*114*		*52 - 141*	*05/20/21 06:54*	*05/24/21 20:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**13.1**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**86.9**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-58A

Date Collected: 05/18/21 09:01
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-39

Matrix: Solid
Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	0.79	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
1,1-Dichloroethane	ND		6.6	0.66	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
1,1-Dichloroethene	ND		6.6	0.66	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
Chloroethane	ND		6.6	1.3	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
cis-1,2-Dichloroethene	ND		6.6	0.66	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
Freon 113	ND		13	0.79	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
Freon 123a	ND		6.6	0.79	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
Dichloromethane	ND		6.6	2.6	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
Tetrachloroethene	ND		6.6	0.66	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
Trichloroethene	ND		6.6	0.66	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1
Vinyl chloride	ND		6.6	0.79	ug/Kg	☼	05/20/21 06:54	05/25/21 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*	*05/20/21 06:54*	*05/25/21 14:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/20/21 06:54*	*05/25/21 14:56*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*05/20/21 06:54*	*05/25/21 14:56*	*1*
Toluene-d8 (Surr)	*104*		*52 - 141*	*05/20/21 06:54*	*05/25/21 14:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.9**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**90.1**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-58B

Date Collected: 05/18/21 09:05
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-40

Matrix: Solid
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.69	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
1,1-Dichloroethane	ND		5.7	0.57	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
1,1-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
cis-1,2-Dichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
Freon 113	ND		11	0.69	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
Freon 123a	ND		5.7	0.69	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
Dichloromethane	ND		5.7	2.3	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
Tetrachloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
Trichloroethene	ND		5.7	0.57	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	05/20/21 06:54	05/25/21 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*50 - 141*	*05/20/21 06:54*	*05/25/21 15:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/20/21 06:54*	*05/25/21 15:19*	*1*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*	*05/20/21 06:54*	*05/25/21 15:19*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*05/20/21 06:54*	*05/25/21 15:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.8**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**92.2**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-59A

Date Collected: 05/18/21 09:48
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-41

Matrix: Solid
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.64	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
Freon 113	ND		11	0.64	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
Freon 123a	ND		5.4	0.64	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
Dichloromethane	ND		5.4	2.1	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1
Vinyl chloride	ND		5.4	0.64	ug/Kg	☼	05/20/21 06:54	05/25/21 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*50 - 141*	*05/20/21 06:54*	*05/25/21 15:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*05/20/21 06:54*	*05/25/21 15:43*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*05/20/21 06:54*	*05/25/21 15:43*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*05/20/21 06:54*	*05/25/21 15:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.3**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**94.7**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-59B

Date Collected: 05/18/21 09:52
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-42

Matrix: Solid
Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
Chloroethane	ND		5.0	1.0	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
Freon 113	ND		10	0.60	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
Freon 123a	ND		5.0	0.60	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
Dichloromethane	ND		5.0	2.0	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
Trichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1
Vinyl chloride	ND		5.0	0.60	ug/Kg	☼	05/20/21 06:54	05/25/21 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*	*05/20/21 06:54*	*05/25/21 16:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*05/20/21 06:54*	*05/25/21 16:07*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*05/20/21 06:54*	*05/25/21 16:07*	*1*
Toluene-d8 (Surr)	*104*		*52 - 141*	*05/20/21 06:54*	*05/25/21 16:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**10.8**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**89.2**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-60A

Date Collected: 05/18/21 08:42
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-43

Matrix: Solid
Percent Solids: 94.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.8	0.81	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
1,1-Dichloroethane	ND		6.8	0.68	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
1,1-Dichloroethene	ND		6.8	0.68	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
Chloroethane	ND		6.8	1.4	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
cis-1,2-Dichloroethene	ND		6.8	0.68	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
Freon 113	ND		14	0.81	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
Freon 123a	ND		6.8	0.81	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
Dichloromethane	ND		6.8	2.7	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
Tetrachloroethene	ND		6.8	0.68	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
Trichloroethene	ND		6.8	0.68	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1
Vinyl chloride	ND		6.8	0.81	ug/Kg	☼	05/20/21 06:54	05/25/21 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*05/20/21 06:54*	*05/25/21 16:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*54 - 135*	*05/20/21 06:54*	*05/25/21 16:30*	*1*
4-Bromofluorobenzene (Surr)	*81*		*50 - 131*	*05/20/21 06:54*	*05/25/21 16:30*	*1*
Toluene-d8 (Surr)	*112*		*52 - 141*	*05/20/21 06:54*	*05/25/21 16:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.8**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**94.2**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-60B

Date Collected: 05/18/21 08:48
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-44

Matrix: Solid
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		320	38	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
1,1-Dichloroethane	ND		320	32	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
1,1-Dichloroethene	ND		320	32	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
Chloroethane	ND		320	63	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
cis-1,2-Dichloroethene	ND		320	32	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
Freon 113	ND		630	38	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
Freon 123a	ND		320	38	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
Dichloromethane	ND		320	130	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
Tetrachloroethene	ND		320	32	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
Trichloroethene	ND		320	32	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50
Vinyl chloride	ND		320	38	ug/Kg	☼	05/20/21 06:08	05/25/21 01:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*50 - 141*	*05/20/21 06:08*	*05/25/21 01:31*	*50*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*05/20/21 06:08*	*05/25/21 01:31*	*50*
4-Bromofluorobenzene (Surr)	*105*		*50 - 131*	*05/20/21 06:08*	*05/25/21 01:31*	*50*
Toluene-d8 (Surr)	*97*		*52 - 141*	*05/20/21 06:08*	*05/25/21 01:31*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.2**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**92.8**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-61A

Date Collected: 05/18/21 10:13
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-45

Matrix: Solid
Percent Solids: 94.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
Chloroethane	ND		5.0	0.99	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
Freon 113	ND		9.9	0.60	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
Freon 123a	ND		5.0	0.60	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
Dichloromethane	ND		5.0	2.0	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
Trichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1
Vinyl chloride	ND		5.0	0.60	ug/Kg	☼	05/20/21 08:35	05/25/21 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*	*05/20/21 08:35*	*05/25/21 16:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*05/20/21 08:35*	*05/25/21 16:54*	*1*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*	*05/20/21 08:35*	*05/25/21 16:54*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*05/20/21 08:35*	*05/25/21 16:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**5.4**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**94.6**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-61B

Date Collected: 05/18/21 10:16
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-46

Matrix: Solid
Percent Solids: 93.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		240	29	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
1,1-Dichloroethane	ND		240	24	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
1,1-Dichloroethene	ND		240	24	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
Chloroethane	ND		240	49	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
cis-1,2-Dichloroethene	ND		240	24	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
Freon 113	ND		490	29	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
Freon 123a	ND		240	29	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
Dichloromethane	ND		240	98	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
Tetrachloroethene	ND		240	24	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
Trichloroethene	ND		240	24	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50
Vinyl chloride	ND		240	29	ug/Kg	☼	05/20/21 08:38	05/25/21 01:53	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*50 - 141*	*05/20/21 08:38*	*05/25/21 01:53*	*50*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*05/20/21 08:38*	*05/25/21 01:53*	*50*
4-Bromofluorobenzene (Surr)	*110*		*50 - 131*	*05/20/21 08:38*	*05/25/21 01:53*	*50*
Toluene-d8 (Surr)	*100*		*52 - 141*	*05/20/21 08:38*	*05/25/21 01:53*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.3**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**93.8**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-62A

Lab Sample ID: 410-40334-47
Date Collected: 05/18/21 08:10
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.3	0.87	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
1,1-Dichloroethane	ND		7.3	0.73	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
1,1-Dichloroethene	ND		7.3	0.73	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
Chloroethane	ND		7.3	1.5	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
cis-1,2-Dichloroethene	ND		7.3	0.73	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
Freon 113	ND		15	0.87	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
Freon 123a	ND		7.3	0.87	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
Dichloromethane	ND		7.3	2.9	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
Tetrachloroethene	ND		7.3	0.73	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
Trichloroethene	**8.6**		7.3	0.73	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1
Vinyl chloride	ND		7.3	0.87	ug/Kg	☼	05/20/21 06:13	05/25/21 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*66*		*50 - 141*	*05/20/21 06:13*	*05/25/21 17:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*54 - 135*	*05/20/21 06:13*	*05/25/21 17:18*	*1*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*05/20/21 06:13*	*05/25/21 17:18*	*1*
Toluene-d8 (Surr)	*106*		*52 - 141*	*05/20/21 06:13*	*05/25/21 17:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.9**		1.0	1.0	%			05/20/21 13:17	1
Percent Solids	**90.1**		1.0	1.0	%			05/20/21 13:17	1

Client Sample ID: SS-62B

Lab Sample ID: 410-40334-48
Date Collected: 05/18/21 08:13
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
1,1-Dichloroethane	**1.4**	**J**	5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
Trichloroethene	**2.9**	**J**	5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*	*05/20/21 06:13*	*05/25/21 17:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/20/21 06:13*	*05/25/21 17:41*	*1*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*	*05/20/21 06:13*	*05/25/21 17:41*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 06:13*	*05/25/21 17:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.3**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**87.7**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-63A

Date Collected: 05/18/21 07:48
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-49

Matrix: Solid
Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.9	0.83	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
1,1-Dichloroethane	ND		6.9	0.69	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
1,1-Dichloroethene	ND		6.9	0.69	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
Chloroethane	ND		6.9	1.4	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
cis-1,2-Dichloroethene	ND		6.9	0.69	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
Freon 113	ND		14	0.83	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
Freon 123a	ND		6.9	0.83	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
Dichloromethane	ND		6.9	2.8	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
Tetrachloroethene	ND		6.9	0.69	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
Trichloroethene	**1.3**	**J**	6.9	0.69	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1
Vinyl chloride	ND		6.9	0.83	ug/Kg	☼	05/20/21 06:13	05/25/21 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*05/20/21 06:13*	*05/25/21 18:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/20/21 06:13*	*05/25/21 18:05*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*05/20/21 06:13*	*05/25/21 18:05*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 06:13*	*05/25/21 18:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**19.4**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**80.6**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-63B

Date Collected: 05/18/21 07:52
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-50

Matrix: Solid
Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	0.59	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
1,1-Dichloroethane	ND		4.9	0.49	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
1,1-Dichloroethene	ND		4.9	0.49	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
Chloroethane	ND		4.9	0.99	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
cis-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
Freon 113	ND		9.9	0.59	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
Freon 123a	ND		4.9	0.59	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
Dichloromethane	ND		4.9	2.0	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
Tetrachloroethene	ND		4.9	0.49	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
Trichloroethene	**0.54**	**J**	4.9	0.49	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1
Vinyl chloride	ND		4.9	0.59	ug/Kg	☼	05/20/21 06:13	05/25/21 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*05/20/21 06:13*	*05/25/21 18:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/20/21 06:13*	*05/25/21 18:28*	*1*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*	*05/20/21 06:13*	*05/25/21 18:28*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 06:13*	*05/25/21 18:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.0**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**89.0**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-64A

Date Collected: 05/18/21 07:30
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-51

Matrix: Solid
Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*05/20/21 06:13*	*05/25/21 18:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*05/20/21 06:13*	*05/25/21 18:52*	*1*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*05/20/21 06:13*	*05/25/21 18:52*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*05/20/21 06:13*	*05/25/21 18:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.6**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**91.4**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-64B

Date Collected: 05/18/21 07:33
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-52

Matrix: Solid
Percent Solids: 90.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*05/20/21 06:13*	*05/25/21 19:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 06:13*	*05/25/21 19:15*	*1*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*	*05/20/21 06:13*	*05/25/21 19:15*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 06:13*	*05/25/21 19:15*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.6**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**90.4**		1.0	1.0	%			05/20/21 12:51	1

Client Sample ID: SS-65A

Date Collected: 05/18/21 07:15
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-53

Matrix: Solid
Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.67	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
1,1-Dichloroethane	ND		5.6	0.56	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
1,1-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
cis-1,2-Dichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
Freon 113	ND		11	0.67	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
Freon 123a	ND		5.6	0.67	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
Dichloromethane	ND		5.6	2.2	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
Tetrachloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
Trichloroethene	ND		5.6	0.56	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1
Vinyl chloride	ND		5.6	0.67	ug/Kg	☼	05/20/21 06:13	05/25/21 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*05/20/21 06:13*	*05/25/21 19:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*05/20/21 06:13*	*05/25/21 19:39*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*05/20/21 06:13*	*05/25/21 19:39*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 06:13*	*05/25/21 19:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**9.5**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**90.5**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-65B

Date Collected: 05/18/21 07:15
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-54

Matrix: Solid
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.61	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
Chloroethane	ND		5.0	1.0	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
Freon 113	ND		10	0.61	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
Freon 123a	ND		5.0	0.61	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
Dichloromethane	ND		5.0	2.0	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
Trichloroethene	ND		5.0	0.50	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1
Vinyl chloride	ND		5.0	0.61	ug/Kg	☼	05/20/21 06:13	05/25/21 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*05/20/21 06:13*	*05/25/21 20:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*05/20/21 06:13*	*05/25/21 20:02*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*05/20/21 06:13*	*05/25/21 20:02*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 06:13*	*05/25/21 20:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**7.2**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**92.8**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-66A

Date Collected: 05/18/21 06:56
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-55

Matrix: Solid
Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.72	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
1,1-Dichloroethane	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
1,1-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
Chloroethane	ND		6.0	1.2	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
cis-1,2-Dichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
Freon 113	ND		12	0.72	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
Freon 123a	ND		6.0	0.72	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
Dichloromethane	ND		6.0	2.4	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
Tetrachloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
Trichloroethene	ND		6.0	0.60	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1
Vinyl chloride	ND		6.0	0.72	ug/Kg	☼	05/20/21 06:13	05/25/21 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*05/20/21 06:13*	*05/25/21 20:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*05/20/21 06:13*	*05/25/21 20:26*	*1*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*05/20/21 06:13*	*05/25/21 20:26*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*05/20/21 06:13*	*05/25/21 20:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**11.8**		1.0	1.0	%			05/20/21 12:29	1
Percent Solids	**88.2**		1.0	1.0	%			05/20/21 12:29	1

Client Sample ID: SS-66B

Date Collected: 05/18/21 07:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-56

Matrix: Solid
Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
1,1-Dichloroethane	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
1,1-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
cis-1,2-Dichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
Freon 113	ND		11	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
Freon 123a	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
Dichloromethane	ND		5.4	2.2	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
Tetrachloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
Trichloroethene	ND		5.4	0.54	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1
Vinyl chloride	ND		5.4	0.65	ug/Kg	☼	05/20/21 06:13	05/25/21 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*05/20/21 06:13*	*05/25/21 12:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*54 - 135*	*05/20/21 06:13*	*05/25/21 12:33*	*1*
4-Bromofluorobenzene (Surr)	*84*		*50 - 131*	*05/20/21 06:13*	*05/25/21 12:33*	*1*
Toluene-d8 (Surr)	*111*		*52 - 141*	*05/20/21 06:13*	*05/25/21 12:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**12.2**		1.0	1.0	%			05/20/21 12:51	1
Percent Solids	**87.8**		1.0	1.0	%			05/20/21 12:51	1

Surrogate Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(50-141)	(54-135)	(50-131)	(52-141)
410-40334-1	SS-37A	102	113	79	111
410-40334-2	SS-37B	98	109	94	102
410-40334-3	SS-38A	101	113	91	100
410-40334-4	SS-38B	98	111	94	100
410-40334-5	SS-41A	101	113	91	101
410-40334-6	SS-41B	100	109	91	100
410-40334-7	SS-42A	97	104	94	101
410-40334-8	SS-42B	98	107	93	100
410-40334-9	SS-43A	100	109	93	99
410-40334-10	SS-43B	100	109	92	100
410-40334-10 MS	SS-43B	95	104	99	102
410-40334-11	SS-44A	100	111	91	101
410-40334-12	SS-44B	99	109	91	100
410-40334-13	SS-45A	101	112	90	102
410-40334-14	SS-45B	101	109	90	100
410-40334-15	SS-46A	100	112	92	100
410-40334-16	SS-46B	100	112	91	101
410-40334-17	SS-47A	101	110	89	101
410-40334-18	SS-47B	102	111	93	98
410-40334-19	SS-48A	102	102	92	105
410-40334-20	SS-48B	101	102	90	105
410-40334-21	SS-49A	101	102	90	105
410-40334-22	SS-49B	102	102	90	103
410-40334-23	SS-50A	104	104	72	124
410-40334-24	SS-50B	94	105	97	103
410-40334-25	SS-51A	102	106	87	107
410-40334-26	SS-51B	101	104	93	101
410-40334-27	SS-52A	102	101	86	108
410-40334-28	SS-52B	101	105	93	103
410-40334-29	SS-53A	103	113	70 *3	139 *3
410-40334-30	SS-53B	95	103	81	114
410-40334-31	SS-54A	95	105	90	108
410-40334-32	SS-54B	102	112	68 *3	132 *3
410-40334-33	SS-55A	103	103	80	113
410-40334-34	SS-55B	105	106	80	116
410-40334-35	SS-56A	101	102	85	107
410-40334-36	SS-56B	102	102	93	103
410-40334-37	SS-57A	103	100	85	109
410-40334-38	SS-57B	106	105	81	114
410-40334-39	SS-58A	95	106	93	104
410-40334-40	SS-58B	94	106	96	103
410-40334-41	SS-59A	94	104	94	105
410-40334-42	SS-59B	95	106	93	104
410-40334-43	SS-60A	100	116	81	112
410-40334-44	SS-60B	108	107	105	97
410-40334-45	SS-61A	95	105	96	101
410-40334-46	SS-61B	111	113	110	100
410-40334-47	SS-62A	66	111	92	106
410-40334-48	SS-62B	95	108	96	102

Surrogate Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DBFM (50-141)	DCA (54-135)	BFB (50-131)	TOL (52-141)
410-40334-49	SS-63A	96	108	94	102
410-40334-50	SS-63B	96	108	96	102
410-40334-51	SS-64A	98	112	92	103
410-40334-52	SS-64B	96	109	96	102
410-40334-53	SS-65A	98	109	94	102
410-40334-54	SS-65B	97	107	94	102
410-40334-55	SS-66A	98	108	92	102
410-40334-56	SS-66B	96	88	84	111
LCS 410-129602/4	Lab Control Sample	94	101	101	102
LCS 410-129818/4	Lab Control Sample	94	101	102	102
LCS 410-129823/4	Lab Control Sample	101	106	102	101
LCS 410-130065/6	Lab Control Sample	121	114	123	113
LCS 410-130285/4	Lab Control Sample	92	102	103	103
LCS 410-130292/5	Lab Control Sample	101	107	101	101
LCSD 410-129602/5	Lab Control Sample Dup	94	100	101	101
LCSD 410-129818/5	Lab Control Sample Dup	94	105	101	102
LCSD 410-129823/5	Lab Control Sample Dup	102	104	101	99
LCSD 410-130065/7	Lab Control Sample Dup	123	115	124	112
LCSD 410-130285/5	Lab Control Sample Dup	93	101	103	103
LCSD 410-130292/6	Lab Control Sample Dup	100	106	101	100
MB 410-129602/7	Method Blank	95	103	97	100
MB 410-129818/7	Method Blank	95	104	97	100
MB 410-129823/7	Method Blank	100	106	100	99
MB 410-130065/9	Method Blank	115	115	115	103
MB 410-130285/7	Method Blank	92	102	99	101
MB 410-130292/8	Method Blank	101	105	98	100

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

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

Lab Sample ID: 410-40334-10 MS
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: SS-43B
Prep Type: Total/NA
Prep Batch: 128516

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	15	F1	19.8	26.2	F1	ug/Kg	☼	58	69 - 123
1,1-Dichloroethane	4.9	J	19.8	24.6		ug/Kg	☼	100	79 - 120
1,1-Dichloroethene	1.5	J	19.8	25.4		ug/Kg	☼	121	73 - 129
Chloroethane	ND		19.8	24.5		ug/Kg	☼	124	43 - 135
cis-1,2-Dichloroethene	2.0	J	19.8	24.8		ug/Kg	☼	115	80 - 123
Freon 113	ND		19.8	24.8		ug/Kg	☼	125	64 - 135
Freon 123a	ND	F1	19.8	26.1	F1	ug/Kg	☼	132	71 - 123
Dichloromethane	ND	F1	19.8	24.6	F1	ug/Kg	☼	124	76 - 122
Tetrachloroethene	0.87	J	19.8	19.6		ug/Kg	☼	95	73 - 120
Trichloroethene	23	F1	19.8	46.6	F1	ug/Kg	☼	121	80 - 120
Vinyl chloride	ND	F1	19.8	27.2	F1	ug/Kg	☼	137	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: MB 410-129602/7
Matrix: Solid
Analysis Batch: 129602

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/23/21 11:45	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/23/21 11:45	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
Freon 113	ND		10	0.60	ug/Kg			05/23/21 11:45	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/23/21 11:45	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/23/21 11:45	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/23/21 11:45	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/23/21 11:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*		*05/23/21 11:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*		*05/23/21 11:45*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*		*05/23/21 11:45*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*05/23/21 11:45*	*1*

Lab Sample ID: LCS 410-129602/4
Matrix: Solid
Analysis Batch: 129602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	22.0		ug/Kg		110	69 - 123
1,1-Dichloroethane	20.0	21.6		ug/Kg		108	79 - 120

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

Lab Sample ID: LCS 410-129602/4
Matrix: Solid
Analysis Batch: 129602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			20.0	21.4		ug/Kg		107	73 - 129		
Chloroethane			20.0	22.9		ug/Kg		115	43 - 135		
cis-1,2-Dichloroethene			20.0	21.4		ug/Kg		107	80 - 125		
Freon 113			20.0	20.9		ug/Kg		104	64 - 135		
Freon 123a			20.0	22.6		ug/Kg		113	71 - 123		
Dichloromethane			20.0	21.6		ug/Kg		108	76 - 122		
Tetrachloroethene			20.0	19.1		ug/Kg		96	73 - 120		
Trichloroethene			20.0	21.1		ug/Kg		106	80 - 120		
Vinyl chloride			20.0	24.6	*+	ug/Kg		123	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: LCSD 410-129602/5
Matrix: Solid
Analysis Batch: 129602

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.9		ug/Kg		104	69 - 123	5	30
1,1-Dichloroethane			20.0	20.9		ug/Kg		105	79 - 120	3	30
1,1-Dichloroethene			20.0	20.2		ug/Kg		101	73 - 129	6	30
Chloroethane			20.0	21.7		ug/Kg		108	43 - 135	6	30
cis-1,2-Dichloroethene			20.0	20.7		ug/Kg		103	80 - 125	3	30
Freon 113			20.0	19.8		ug/Kg		99	64 - 135	6	30
Freon 123a			20.0	21.3		ug/Kg		107	71 - 123	6	30
Dichloromethane			20.0	21.1		ug/Kg		105	76 - 122	2	30
Tetrachloroethene			20.0	18.1		ug/Kg		91	73 - 120	6	30
Trichloroethene			20.0	20.3		ug/Kg		101	80 - 120	4	30
Vinyl chloride			20.0	23.2		ug/Kg		116	52 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*101*		*52 - 141*

Lab Sample ID: MB 410-129818/7
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/24/21 11:26	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/24/21 11:26	1

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

Lab Sample ID: MB 410-129818/7
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
Freon 113	ND		10	0.60	ug/Kg			05/24/21 11:26	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/24/21 11:26	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/24/21 11:26	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:26	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/24/21 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*50 - 141*		*05/24/21 11:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*		*05/24/21 11:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*		*05/24/21 11:26*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*05/24/21 11:26*	*1*

Lab Sample ID: LCS 410-129818/4
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	22.4		ug/Kg		112	69 - 123		
1,1-Dichloroethane			20.0	22.0		ug/Kg		110	79 - 120		
1,1-Dichloroethene			20.0	21.9		ug/Kg		110	73 - 129		
Chloroethane			20.0	21.2		ug/Kg		106	43 - 135		
cis-1,2-Dichloroethene			20.0	21.6		ug/Kg		108	80 - 125		
Freon 113			20.0	19.8		ug/Kg		99	64 - 135		
Freon 123a			20.0	22.2		ug/Kg		111	71 - 123		
Dichloromethane			20.0	22.1		ug/Kg		110	76 - 122		
Tetrachloroethene			20.0	19.2		ug/Kg		96	73 - 120		
Trichloroethene			20.0	21.1		ug/Kg		105	80 - 120		
Vinyl chloride			20.0	23.0		ug/Kg		115	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: LCSD 410-129818/5
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	21.8		ug/Kg		109	69 - 123	3	30
1,1-Dichloroethane			20.0	21.7		ug/Kg		109	79 - 120	1	30
1,1-Dichloroethene			20.0	21.7		ug/Kg		108	73 - 129	1	30
Chloroethane			20.0	21.1		ug/Kg		105	43 - 135	1	30
cis-1,2-Dichloroethene			20.0	21.6		ug/Kg		108	80 - 125	0	30
Freon 113			20.0	19.6		ug/Kg		98	64 - 135	1	30

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

Lab Sample ID: LCSD 410-129818/5
Matrix: Solid
Analysis Batch: 129818

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Freon 123a	20.0	21.8		ug/Kg		109	71 - 123	2	30
Dichloromethane	20.0	22.2		ug/Kg		111	76 - 122	1	30
Tetrachloroethene	20.0	18.8		ug/Kg		94	73 - 120	2	30
Trichloroethene	20.0	20.9		ug/Kg		104	80 - 120	1	30
Vinyl chloride	20.0	22.2		ug/Kg		111	52 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: MB 410-129823/7
Matrix: Solid
Analysis Batch: 129823

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/24/21 11:44	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/24/21 11:44	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:44	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/24/21 11:44	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:44	1
Freon 113	ND		10	0.60	ug/Kg			05/24/21 11:44	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/24/21 11:44	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/24/21 11:44	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:44	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/24/21 11:44	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/24/21 11:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*50 - 141*		*05/24/21 11:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*		*05/24/21 11:44*	*1*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*		*05/24/21 11:44*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*		*05/24/21 11:44*	*1*

Lab Sample ID: LCS 410-129823/4
Matrix: Solid
Analysis Batch: 129823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.4		ug/Kg		92	69 - 123
1,1-Dichloroethane	20.0	18.8		ug/Kg		94	79 - 120
1,1-Dichloroethene	20.0	20.2		ug/Kg		101	73 - 129
Chloroethane	20.0	17.8		ug/Kg		89	43 - 135
cis-1,2-Dichloroethene	20.0	18.7		ug/Kg		93	80 - 125
Freon 113	20.0	18.9		ug/Kg		94	64 - 135
Freon 123a	20.0	19.2		ug/Kg		96	71 - 123
Dichloromethane	20.0	19.4		ug/Kg		97	76 - 122

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

Lab Sample ID: LCS 410-129823/4
Matrix: Solid
Analysis Batch: 129823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Tetrachloroethene			20.0	18.6		ug/Kg		93	73 - 120		
Trichloroethene			20.0	18.2		ug/Kg		91	80 - 120		
Vinyl chloride			20.0	18.8		ug/Kg		94	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
Toluene-d8 (Surr)	*101*		*52 - 141*

Lab Sample ID: LCSD 410-129823/5
Matrix: Solid
Analysis Batch: 129823

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.1		ug/Kg		90	69 - 123	2	30
1,1-Dichloroethane			20.0	18.3		ug/Kg		92	79 - 120	3	30
1,1-Dichloroethene			20.0	19.4		ug/Kg		97	73 - 129	4	30
Chloroethane			20.0	17.3		ug/Kg		86	43 - 135	3	30
cis-1,2-Dichloroethene			20.0	18.5		ug/Kg		93	80 - 125	1	30
Freon 113			20.0	18.5		ug/Kg		93	64 - 135	2	30
Freon 123a			20.0	19.0		ug/Kg		95	71 - 123	1	30
Dichloromethane			20.0	19.1		ug/Kg		95	76 - 122	2	30
Tetrachloroethene			20.0	18.0		ug/Kg		90	73 - 120	3	30
Trichloroethene			20.0	17.8		ug/Kg		89	80 - 120	2	30
Vinyl chloride			20.0	18.4		ug/Kg		92	52 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*99*		*52 - 141*

Lab Sample ID: MB 410-130065/9
Matrix: Solid
Analysis Batch: 130065

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		250	30	ug/Kg			05/24/21 22:13	50
1,1-Dichloroethane	ND		250	25	ug/Kg			05/24/21 22:13	50
1,1-Dichloroethene	ND		250	25	ug/Kg			05/24/21 22:13	50
Chloroethane	ND		250	50	ug/Kg			05/24/21 22:13	50
cis-1,2-Dichloroethene	ND		250	25	ug/Kg			05/24/21 22:13	50
Freon 113	ND		500	30	ug/Kg			05/24/21 22:13	50
Freon 123a	ND		250	30	ug/Kg			05/24/21 22:13	50
Dichloromethane	ND		250	100	ug/Kg			05/24/21 22:13	50
Tetrachloroethene	ND		250	25	ug/Kg			05/24/21 22:13	50
Trichloroethene	ND		250	25	ug/Kg			05/24/21 22:13	50

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

Lab Sample ID: MB 410-130065/9
Matrix: Solid
Analysis Batch: 130065

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		250	30	ug/Kg			05/24/21 22:13	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*50 - 141*		*05/24/21 22:13*	*50*
1,2-Dichloroethane-d4 (Surr)	*115*		*54 - 135*		*05/24/21 22:13*	*50*
4-Bromofluorobenzene (Surr)	*115*		*50 - 131*		*05/24/21 22:13*	*50*
Toluene-d8 (Surr)	*103*		*52 - 141*		*05/24/21 22:13*	*50*

Lab Sample ID: LCS 410-130065/6
Matrix: Solid
Analysis Batch: 130065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			1000	1090		ug/Kg		109	69 - 123		
1,1-Dichloroethane			1000	1010		ug/Kg		101	79 - 120		
1,1-Dichloroethene			1000	1030		ug/Kg		103	73 - 129		
Chloroethane			1000	1220		ug/Kg		122	43 - 135		
cis-1,2-Dichloroethene			1000	1010		ug/Kg		101	80 - 125		
Freon 113			1000	895		ug/Kg		89	64 - 135		
Freon 123a			1000	971		ug/Kg		97	71 - 123		
Dichloromethane			1000	1030		ug/Kg		103	76 - 122		
Tetrachloroethene			1000	925		ug/Kg		92	73 - 120		
Trichloroethene			1000	1020		ug/Kg		102	80 - 120		
Vinyl chloride			1000	999		ug/Kg		100	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*121*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*114*		*54 - 135*
4-Bromofluorobenzene (Surr)	*123*		*50 - 131*
Toluene-d8 (Surr)	*113*		*52 - 141*

Lab Sample ID: LCSD 410-130065/7
Matrix: Solid
Analysis Batch: 130065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			1000	1040		ug/Kg		104	69 - 123	4	30
1,1-Dichloroethane			1000	983		ug/Kg		98	79 - 120	3	30
1,1-Dichloroethene			1000	923		ug/Kg		92	73 - 129	11	30
Chloroethane			1000	1130		ug/Kg		113	43 - 135	7	30
cis-1,2-Dichloroethene			1000	996		ug/Kg		100	80 - 125	1	30
Freon 113			1000	760		ug/Kg		76	64 - 135	16	30
Freon 123a			1000	898		ug/Kg		90	71 - 123	8	30
Dichloromethane			1000	1030		ug/Kg		103	76 - 122	0	30
Tetrachloroethene			1000	887		ug/Kg		89	73 - 120	4	30
Trichloroethene			1000	993		ug/Kg		99	80 - 120	2	30
Vinyl chloride			1000	872		ug/Kg		87	52 - 120	14	30

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

Lab Sample ID: LCSD 410-130065/7
Matrix: Solid
Analysis Batch: 130065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	*123*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*115*		*54 - 135*
4-Bromofluorobenzene (Surr)	*124*		*50 - 131*
Toluene-d8 (Surr)	*112*		*52 - 141*

Lab Sample ID: MB 410-130285/7
Matrix: Solid
Analysis Batch: 130285

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/25/21 11:28	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/25/21 11:28	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:28	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/25/21 11:28	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:28	1
Freon 113	ND		10	0.60	ug/Kg			05/25/21 11:28	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/25/21 11:28	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/25/21 11:28	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:28	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:28	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/25/21 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*92*		*50 - 141*		*05/25/21 11:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*		*05/25/21 11:28*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*		*05/25/21 11:28*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*		*05/25/21 11:28*	*1*

Lab Sample ID: LCS 410-130285/4
Matrix: Solid
Analysis Batch: 130285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	22.7		ug/Kg		113	69 - 123
1,1-Dichloroethane	20.0	21.6		ug/Kg		108	79 - 120
1,1-Dichloroethene	20.0	22.4		ug/Kg		112	73 - 129
Chloroethane	20.0	19.9		ug/Kg		100	43 - 135
cis-1,2-Dichloroethene	20.0	21.6		ug/Kg		108	80 - 125
Freon 113	20.0	21.0		ug/Kg		105	64 - 135
Freon 123a	20.0	22.2		ug/Kg		111	71 - 123
Dichloromethane	20.0	22.1		ug/Kg		111	76 - 122
Tetrachloroethene	20.0	19.6		ug/Kg		98	73 - 120
Trichloroethene	20.0	21.3		ug/Kg		106	80 - 120
Vinyl chloride	20.0	22.3		ug/Kg		111	52 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*92*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*

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

Lab Sample ID: LCS 410-130285/4
Matrix: Solid
Analysis Batch: 130285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*50 - 131*
Toluene-d8 (Surr)	*103*		*52 - 141*

Lab Sample ID: LCSD 410-130285/5
Matrix: Solid
Analysis Batch: 130285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	22.4		ug/Kg		112	69 - 123	1	30
1,1-Dichloroethane			20.0	21.7		ug/Kg		109	79 - 120	1	30
1,1-Dichloroethene			20.0	22.2		ug/Kg		111	73 - 129	1	30
Chloroethane			20.0	20.7		ug/Kg		103	43 - 135	4	30
cis-1,2-Dichloroethene			20.0	21.7		ug/Kg		109	80 - 125	1	30
Freon 113			20.0	20.9		ug/Kg		105	64 - 135	1	30
Freon 123a			20.0	21.7		ug/Kg		108	71 - 123	2	30
Dichloromethane			20.0	21.9		ug/Kg		109	76 - 122	1	30
Tetrachloroethene			20.0	19.5		ug/Kg		98	73 - 120	0	30
Trichloroethene			20.0	21.3		ug/Kg		106	80 - 120	0	30
Vinyl chloride			20.0	22.1		ug/Kg		110	52 - 120	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	*93*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*
4-Bromofluorobenzene (Surr)	*103*		*50 - 131*
Toluene-d8 (Surr)	*103*		*52 - 141*

Lab Sample ID: MB 410-130292/8
Matrix: Solid
Analysis Batch: 130292

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.60	ug/Kg			05/25/21 11:50	1
1,1-Dichloroethane	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
1,1-Dichloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
Chloroethane	ND		5.0	1.0	ug/Kg			05/25/21 11:50	1
cis-1,2-Dichloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
Freon 113	ND		10	0.60	ug/Kg			05/25/21 11:50	1
Freon 123a	ND		5.0	0.60	ug/Kg			05/25/21 11:50	1
Dichloromethane	ND		5.0	2.0	ug/Kg			05/25/21 11:50	1
Tetrachloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
Trichloroethene	ND		5.0	0.50	ug/Kg			05/25/21 11:50	1
Vinyl chloride	ND		5.0	0.60	ug/Kg			05/25/21 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*101*		*50 - 141*		*05/25/21 11:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*		*05/25/21 11:50*	*1*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*		*05/25/21 11:50*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*05/25/21 11:50*	*1*

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

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

Lab Sample ID: LCS 410-130292/5
Matrix: Solid
Analysis Batch: 130292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	20.0		ug/Kg		100	69 - 123		
1,1-Dichloroethane			20.0	19.9		ug/Kg		100	79 - 120		
1,1-Dichloroethene			20.0	22.2		ug/Kg		111	73 - 129		
Chloroethane			20.0	18.6		ug/Kg		93	43 - 135		
cis-1,2-Dichloroethene			20.0	20.0		ug/Kg		100	80 - 125		
Freon 113			20.0	21.9		ug/Kg		109	64 - 135		
Freon 123a			20.0	21.0		ug/Kg		105	71 - 123		
Dichloromethane			20.0	20.5		ug/Kg		102	76 - 122		
Tetrachloroethene			20.0	20.2		ug/Kg		101	73 - 120		
Trichloroethene			20.0	19.6		ug/Kg		98	80 - 120		
Vinyl chloride			20.0	20.9		ug/Kg		104	52 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*101*		*52 - 141*

Lab Sample ID: LCSD 410-130292/6
Matrix: Solid
Analysis Batch: 130292

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	19.8		ug/Kg		99	69 - 123	1	30
1,1-Dichloroethane			20.0	20.0		ug/Kg		100	79 - 120	0	30
1,1-Dichloroethene			20.0	21.8		ug/Kg		109	73 - 129	2	30
Chloroethane			20.0	19.0		ug/Kg		95	43 - 135	2	30
cis-1,2-Dichloroethene			20.0	20.2		ug/Kg		101	80 - 125	1	30
Freon 113			20.0	21.8		ug/Kg		109	64 - 135	0	30
Freon 123a			20.0	21.1		ug/Kg		106	71 - 123	1	30
Dichloromethane			20.0	20.6		ug/Kg		103	76 - 122	1	30
Tetrachloroethene			20.0	20.4		ug/Kg		102	73 - 120	1	30
Trichloroethene			20.0	19.6		ug/Kg		98	80 - 120	0	30
Vinyl chloride			20.0	20.7		ug/Kg		103	52 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Toluene-d8 (Surr)	*100*		*52 - 141*

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

GC/MS VOA

Prep Batch: 128513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-44	SS-60B	Total/NA	Solid	5035	
410-40334-46	SS-61B	Total/NA	Solid	5035	

Prep Batch: 128516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-1	SS-37A	Total/NA	Solid	5035	
410-40334-2	SS-37B	Total/NA	Solid	5035	
410-40334-3	SS-38A	Total/NA	Solid	5035	
410-40334-4	SS-38B	Total/NA	Solid	5035	
410-40334-5	SS-41A	Total/NA	Solid	5035	
410-40334-6	SS-41B	Total/NA	Solid	5035	
410-40334-7	SS-42A	Total/NA	Solid	5035	
410-40334-8	SS-42B	Total/NA	Solid	5035	
410-40334-9	SS-43A	Total/NA	Solid	5035	
410-40334-10	SS-43B	Total/NA	Solid	5035	
410-40334-11	SS-44A	Total/NA	Solid	5035	
410-40334-12	SS-44B	Total/NA	Solid	5035	
410-40334-13	SS-45A	Total/NA	Solid	5035	
410-40334-14	SS-45B	Total/NA	Solid	5035	
410-40334-15	SS-46A	Total/NA	Solid	5035	
410-40334-16	SS-46B	Total/NA	Solid	5035	
410-40334-17	SS-47A	Total/NA	Solid	5035	
410-40334-18	SS-47B	Total/NA	Solid	5035	
410-40334-19	SS-48A	Total/NA	Solid	5035	
410-40334-20	SS-48B	Total/NA	Solid	5035	
410-40334-21	SS-49A	Total/NA	Solid	5035	
410-40334-22	SS-49B	Total/NA	Solid	5035	
410-40334-23	SS-50A	Total/NA	Solid	5035	
410-40334-24	SS-50B	Total/NA	Solid	5035	
410-40334-25	SS-51A	Total/NA	Solid	5035	
410-40334-26	SS-51B	Total/NA	Solid	5035	
410-40334-27	SS-52A	Total/NA	Solid	5035	
410-40334-28	SS-52B	Total/NA	Solid	5035	
410-40334-29	SS-53A	Total/NA	Solid	5035	
410-40334-29 - RA	SS-53A	Total/NA	Solid	5035	
410-40334-30	SS-53B	Total/NA	Solid	5035	
410-40334-31	SS-54A	Total/NA	Solid	5035	
410-40334-32	SS-54B	Total/NA	Solid	5035	
410-40334-32 - RA	SS-54B	Total/NA	Solid	5035	
410-40334-33	SS-55A	Total/NA	Solid	5035	
410-40334-34	SS-55B	Total/NA	Solid	5035	
410-40334-35	SS-56A	Total/NA	Solid	5035	
410-40334-36	SS-56B	Total/NA	Solid	5035	
410-40334-37	SS-57A	Total/NA	Solid	5035	
410-40334-38	SS-57B	Total/NA	Solid	5035	
410-40334-39	SS-58A	Total/NA	Solid	5035	
410-40334-40	SS-58B	Total/NA	Solid	5035	
410-40334-41	SS-59A	Total/NA	Solid	5035	
410-40334-42	SS-59B	Total/NA	Solid	5035	
410-40334-43	SS-60A	Total/NA	Solid	5035	
410-40334-45	SS-61A	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 128516 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-47	SS-62A	Total/NA	Solid	5035	
410-40334-48	SS-62B	Total/NA	Solid	5035	
410-40334-49	SS-63A	Total/NA	Solid	5035	
410-40334-50	SS-63B	Total/NA	Solid	5035	
410-40334-51	SS-64A	Total/NA	Solid	5035	
410-40334-52	SS-64B	Total/NA	Solid	5035	
410-40334-53	SS-65A	Total/NA	Solid	5035	
410-40334-54	SS-65B	Total/NA	Solid	5035	
410-40334-55	SS-66A	Total/NA	Solid	5035	
410-40334-56	SS-66B	Total/NA	Solid	5035	
410-40334-10 MS	SS-43B	Total/NA	Solid	5035	

Analysis Batch: 129602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-1	SS-37A	Total/NA	Solid	8260D	128516
410-40334-2	SS-37B	Total/NA	Solid	8260D	128516
410-40334-3	SS-38A	Total/NA	Solid	8260D	128516
410-40334-4	SS-38B	Total/NA	Solid	8260D	128516
410-40334-5	SS-41A	Total/NA	Solid	8260D	128516
410-40334-6	SS-41B	Total/NA	Solid	8260D	128516
MB 410-129602/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-129602/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-129602/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 129818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-7	SS-42A	Total/NA	Solid	8260D	128516
410-40334-8	SS-42B	Total/NA	Solid	8260D	128516
410-40334-9	SS-43A	Total/NA	Solid	8260D	128516
410-40334-10	SS-43B	Total/NA	Solid	8260D	128516
410-40334-11	SS-44A	Total/NA	Solid	8260D	128516
410-40334-12	SS-44B	Total/NA	Solid	8260D	128516
410-40334-13	SS-45A	Total/NA	Solid	8260D	128516
410-40334-14	SS-45B	Total/NA	Solid	8260D	128516
410-40334-15	SS-46A	Total/NA	Solid	8260D	128516
410-40334-16	SS-46B	Total/NA	Solid	8260D	128516
410-40334-17	SS-47A	Total/NA	Solid	8260D	128516
410-40334-18	SS-47B	Total/NA	Solid	8260D	128516
MB 410-129818/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-129818/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-129818/5	Lab Control Sample Dup	Total/NA	Solid	8260D	
410-40334-10 MS	SS-43B	Total/NA	Solid	8260D	128516

Analysis Batch: 129823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-19	SS-48A	Total/NA	Solid	8260D	128516
410-40334-20	SS-48B	Total/NA	Solid	8260D	128516
410-40334-21	SS-49A	Total/NA	Solid	8260D	128516
410-40334-22	SS-49B	Total/NA	Solid	8260D	128516
410-40334-23	SS-50A	Total/NA	Solid	8260D	128516
410-40334-25	SS-51A	Total/NA	Solid	8260D	128516

GC/MS VOA (Continued)

Analysis Batch: 129823 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-26	SS-51B	Total/NA	Solid	8260D	128516
410-40334-27	SS-52A	Total/NA	Solid	8260D	128516
410-40334-28	SS-52B	Total/NA	Solid	8260D	128516
410-40334-29 - RA	SS-53A	Total/NA	Solid	8260D	128516
410-40334-32 - RA	SS-54B	Total/NA	Solid	8260D	128516
410-40334-33	SS-55A	Total/NA	Solid	8260D	128516
410-40334-34	SS-55B	Total/NA	Solid	8260D	128516
410-40334-35	SS-56A	Total/NA	Solid	8260D	128516
410-40334-36	SS-56B	Total/NA	Solid	8260D	128516
410-40334-37	SS-57A	Total/NA	Solid	8260D	128516
410-40334-38	SS-57B	Total/NA	Solid	8260D	128516
MB 410-129823/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-129823/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-129823/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 130065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-44	SS-60B	Total/NA	Solid	8260D	128513
410-40334-46	SS-61B	Total/NA	Solid	8260D	128513
MB 410-130065/9	Method Blank	Total/NA	Solid	8260D	
LCS 410-130065/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-130065/7	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 130285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-24	SS-50B	Total/NA	Solid	8260D	128516
410-40334-29	SS-53A	Total/NA	Solid	8260D	128516
410-40334-30	SS-53B	Total/NA	Solid	8260D	128516
410-40334-31	SS-54A	Total/NA	Solid	8260D	128516
410-40334-32	SS-54B	Total/NA	Solid	8260D	128516
410-40334-39	SS-58A	Total/NA	Solid	8260D	128516
410-40334-40	SS-58B	Total/NA	Solid	8260D	128516
410-40334-41	SS-59A	Total/NA	Solid	8260D	128516
410-40334-42	SS-59B	Total/NA	Solid	8260D	128516
410-40334-43	SS-60A	Total/NA	Solid	8260D	128516
410-40334-45	SS-61A	Total/NA	Solid	8260D	128516
410-40334-47	SS-62A	Total/NA	Solid	8260D	128516
410-40334-48	SS-62B	Total/NA	Solid	8260D	128516
410-40334-49	SS-63A	Total/NA	Solid	8260D	128516
410-40334-50	SS-63B	Total/NA	Solid	8260D	128516
410-40334-51	SS-64A	Total/NA	Solid	8260D	128516
410-40334-52	SS-64B	Total/NA	Solid	8260D	128516
410-40334-53	SS-65A	Total/NA	Solid	8260D	128516
410-40334-54	SS-65B	Total/NA	Solid	8260D	128516
410-40334-55	SS-66A	Total/NA	Solid	8260D	128516
MB 410-130285/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-130285/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-130285/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS VOA

Analysis Batch: 130292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-56	SS-66B	Total/NA	Solid	8260D	128516
MB 410-130292/8	Method Blank	Total/NA	Solid	8260D	
LCS 410-130292/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-130292/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

General Chemistry

Analysis Batch: 128765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-4	SS-38B	Total/NA	Solid	Moisture	
410-40334-11	SS-44A	Total/NA	Solid	Moisture	
410-40334-13	SS-45A	Total/NA	Solid	Moisture	
410-40334-16	SS-46B	Total/NA	Solid	Moisture	
410-40334-20	SS-48B	Total/NA	Solid	Moisture	
410-40334-21	SS-49A	Total/NA	Solid	Moisture	
410-40334-23	SS-50A	Total/NA	Solid	Moisture	
410-40334-24	SS-50B	Total/NA	Solid	Moisture	
410-40334-31	SS-54A	Total/NA	Solid	Moisture	
410-40334-34	SS-55B	Total/NA	Solid	Moisture	
410-40334-36	SS-56B	Total/NA	Solid	Moisture	
410-40334-38	SS-57B	Total/NA	Solid	Moisture	
410-40334-39	SS-58A	Total/NA	Solid	Moisture	
410-40334-42	SS-59B	Total/NA	Solid	Moisture	
410-40334-45	SS-61A	Total/NA	Solid	Moisture	
410-40334-48	SS-62B	Total/NA	Solid	Moisture	
410-40334-51	SS-64A	Total/NA	Solid	Moisture	
410-40334-53	SS-65A	Total/NA	Solid	Moisture	
410-40334-54	SS-65B	Total/NA	Solid	Moisture	
410-40334-55	SS-66A	Total/NA	Solid	Moisture	

Analysis Batch: 128780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-5	SS-41A	Total/NA	Solid	Moisture	
410-40334-9	SS-43A	Total/NA	Solid	Moisture	
410-40334-10	SS-43B	Total/NA	Solid	Moisture	
410-40334-19	SS-48A	Total/NA	Solid	Moisture	
410-40334-25	SS-51A	Total/NA	Solid	Moisture	
410-40334-26	SS-51B	Total/NA	Solid	Moisture	
410-40334-27	SS-52A	Total/NA	Solid	Moisture	
410-40334-29	SS-53A	Total/NA	Solid	Moisture	
410-40334-30	SS-53B	Total/NA	Solid	Moisture	
410-40334-32	SS-54B	Total/NA	Solid	Moisture	
410-40334-33	SS-55A	Total/NA	Solid	Moisture	
410-40334-35	SS-56A	Total/NA	Solid	Moisture	
410-40334-37	SS-57A	Total/NA	Solid	Moisture	
410-40334-41	SS-59A	Total/NA	Solid	Moisture	
410-40334-43	SS-60A	Total/NA	Solid	Moisture	
410-40334-44	SS-60B	Total/NA	Solid	Moisture	
410-40334-49	SS-63A	Total/NA	Solid	Moisture	
410-40334-50	SS-63B	Total/NA	Solid	Moisture	
410-40334-52	SS-64B	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 128780 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-56	SS-66B	Total/NA	Solid	Moisture	

Analysis Batch: 128790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-1	SS-37A	Total/NA	Solid	Moisture	
410-40334-2	SS-37B	Total/NA	Solid	Moisture	
410-40334-3	SS-38A	Total/NA	Solid	Moisture	
410-40334-7	SS-42A	Total/NA	Solid	Moisture	
410-40334-8	SS-42B	Total/NA	Solid	Moisture	
410-40334-12	SS-44B	Total/NA	Solid	Moisture	
410-40334-14	SS-45B	Total/NA	Solid	Moisture	
410-40334-15	SS-46A	Total/NA	Solid	Moisture	
410-40334-17	SS-47A	Total/NA	Solid	Moisture	
410-40334-18	SS-47B	Total/NA	Solid	Moisture	
410-40334-22	SS-49B	Total/NA	Solid	Moisture	
410-40334-28	SS-52B	Total/NA	Solid	Moisture	
410-40334-40	SS-58B	Total/NA	Solid	Moisture	
410-40334-46	SS-61B	Total/NA	Solid	Moisture	
410-40334-47	SS-62A	Total/NA	Solid	Moisture	

Analysis Batch: 129516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-40334-6	SS-41B	Total/NA	Solid	Moisture	

Client Sample ID: SS-37A
Date Collected: 05/18/21 15:11
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-37A
Date Collected: 05/18/21 15:11
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-1
Matrix: Solid
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 11:31	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 16:39	UCB5	ELLE

Client Sample ID: SS-37B
Date Collected: 05/18/21 15:14
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-37B
Date Collected: 05/18/21 15:14
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-2
Matrix: Solid
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 11:31	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 17:02	UCB5	ELLE

Client Sample ID: SS-38A
Date Collected: 05/18/21 14:57
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-38A
Date Collected: 05/18/21 14:57
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-3
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 11:31	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 17:26	UCB5	ELLE

Client Sample ID: SS-38B
Date Collected: 05/18/21 15:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-38B
Lab Sample ID: 410-40334-4
Date Collected: 05/18/21 15:00
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 11:31	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 17:49	UCB5	ELLE

Client Sample ID: SS-41A
Lab Sample ID: 410-40334-5
Date Collected: 05/18/21 14:33
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-41A
Lab Sample ID: 410-40334-5
Date Collected: 05/18/21 14:33
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 18:13	UCB5	ELLE

Client Sample ID: SS-41B
Lab Sample ID: 410-40334-6
Date Collected: 05/18/21 14:36
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	129516	05/22/21 09:42	UVJN	ELLE

Client Sample ID: SS-41B
Lab Sample ID: 410-40334-6
Date Collected: 05/18/21 14:36
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 11:31	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129602	05/23/21 18:36	UCB5	ELLE

Client Sample ID: SS-42A
Lab Sample ID: 410-40334-7
Date Collected: 05/18/21 14:15
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-42A
Date Collected: 05/18/21 14:15
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-7
Matrix: Solid
Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 12:17	USEJ	ELLE

Client Sample ID: SS-42B
Date Collected: 05/18/21 14:18
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-42B
Date Collected: 05/18/21 14:18
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-8
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 12:40	USEJ	ELLE

Client Sample ID: SS-43A
Date Collected: 05/18/21 14:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-43A
Date Collected: 05/18/21 14:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-9
Matrix: Solid
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 11:31	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 13:03	USEJ	ELLE

Client Sample ID: SS-43B
Date Collected: 05/18/21 14:03
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-43B
Date Collected: 05/18/21 14:03
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-10
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 13:27	USEJ	ELLE

Client Sample ID: SS-44A
Date Collected: 05/18/21 13:50
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-44A
Date Collected: 05/18/21 13:50
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-11
Matrix: Solid
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 14:14	USEJ	ELLE

Client Sample ID: SS-44B
Date Collected: 05/18/21 13:53
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-44B
Date Collected: 05/18/21 13:53
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-12
Matrix: Solid
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 14:37	USEJ	ELLE

Client Sample ID: SS-45A
Date Collected: 05/18/21 13:30
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-45A
Date Collected: 05/18/21 13:30
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-13
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 15:01	USEJ	ELLE

Client Sample ID: SS-45B
Date Collected: 05/18/21 13:33
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-45B
Date Collected: 05/18/21 13:33
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-14
Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 15:25	USEJ	ELLE

Client Sample ID: SS-46A
Date Collected: 05/18/21 13:17
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-46A
Date Collected: 05/18/21 13:17
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-15
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 15:48	USEJ	ELLE

Client Sample ID: SS-46B
Date Collected: 05/18/21 13:20
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-46B
Lab Sample ID: 410-40334-16
Date Collected: 05/18/21 13:20
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 10:45	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 16:12	USEJ	ELLE

Client Sample ID: SS-47A
Lab Sample ID: 410-40334-17
Date Collected: 05/18/21 11:47
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-47A
Lab Sample ID: 410-40334-17
Date Collected: 05/18/21 11:47
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 16:35	USEJ	ELLE

Client Sample ID: SS-47B
Lab Sample ID: 410-40334-18
Date Collected: 05/18/21 11:51
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-47B
Lab Sample ID: 410-40334-18
Date Collected: 05/18/21 11:51
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129818	05/24/21 16:59	USEJ	ELLE

Client Sample ID: SS-48A
Lab Sample ID: 410-40334-19
Date Collected: 05/18/21 12:00
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-48A
Date Collected: 05/18/21 12:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-19
Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 13:07	USEJ	ELLE

Client Sample ID: SS-48B
Date Collected: 05/18/21 12:02
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-48B
Date Collected: 05/18/21 12:02
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-20
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 13:30	USEJ	ELLE

Client Sample ID: SS-49A
Date Collected: 05/18/21 13:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-49A
Date Collected: 05/18/21 13:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-21
Matrix: Solid
Percent Solids: 92.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 13:52	USEJ	ELLE

Client Sample ID: SS-49B
Date Collected: 05/18/21 13:03
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-49B
Date Collected: 05/18/21 13:03
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-22
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 14:15	USEJ	ELLE

Client Sample ID: SS-50A
Date Collected: 05/18/21 12:50
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-50A
Date Collected: 05/18/21 12:50
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-23
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 14:37	USEJ	ELLE

Client Sample ID: SS-50B
Date Collected: 05/18/21 12:52
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-50B
Date Collected: 05/18/21 12:52
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-24
Matrix: Solid
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 12:58	UCB5	ELLE

Client Sample ID: SS-51A
Date Collected: 05/18/21 12:37
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-51A
Lab Sample ID: 410-40334-25
Date Collected: 05/18/21 12:37
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 15:23	USEJ	ELLE

Client Sample ID: SS-51B
Lab Sample ID: 410-40334-26
Date Collected: 05/18/21 12:39
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-51B
Lab Sample ID: 410-40334-26
Date Collected: 05/18/21 12:39
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 15:45	USEJ	ELLE

Client Sample ID: SS-52A
Lab Sample ID: 410-40334-27
Date Collected: 05/18/21 12:23
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-52A
Lab Sample ID: 410-40334-27
Date Collected: 05/18/21 12:23
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 16:08	USEJ	ELLE

Client Sample ID: SS-52B
Lab Sample ID: 410-40334-28
Date Collected: 05/18/21 12:26
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-52B
Date Collected: 05/18/21 12:26
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-28
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 09:29	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 16:33	USEJ	ELLE

Client Sample ID: SS-53A
Date Collected: 05/18/21 10:50
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-53A
Date Collected: 05/18/21 10:50
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-29
Matrix: Solid
Percent Solids: 72.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 13:21	UCB5	ELLE
Total/NA	Prep	5035	RA		128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D	RA	1	129823	05/24/21 16:55	USEJ	ELLE

Client Sample ID: SS-53B
Date Collected: 05/18/21 10:52
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-53B
Date Collected: 05/18/21 10:52
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-30
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 13:45	UCB5	ELLE

Client Sample ID: SS-54A
Date Collected: 05/18/21 11:02
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-54A
Date Collected: 05/18/21 11:02
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-31
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 14:09	UCB5	ELLE

Client Sample ID: SS-54B
Date Collected: 05/18/21 11:05
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-54B
Date Collected: 05/18/21 11:05
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-32
Matrix: Solid
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 14:32	UCB5	ELLE
Total/NA	Prep	5035	RA		128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D	RA	1	129823	05/24/21 18:03	USEJ	ELLE

Client Sample ID: SS-55A
Date Collected: 05/18/21 10:35
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-55A
Date Collected: 05/18/21 10:35
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-33
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 18:26	USEJ	ELLE

Client Sample ID: SS-55B
Date Collected: 05/18/21 10:38
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-55B
Lab Sample ID: 410-40334-34
Date Collected: 05/18/21 10:38
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 18:48	USEJ	ELLE

Client Sample ID: SS-56A
Lab Sample ID: 410-40334-35
Date Collected: 05/18/21 09:20
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-56A
Lab Sample ID: 410-40334-35
Date Collected: 05/18/21 09:20
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:54	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 19:11	USEJ	ELLE

Client Sample ID: SS-56B
Lab Sample ID: 410-40334-36
Date Collected: 05/18/21 09:22
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-56B
Lab Sample ID: 410-40334-36
Date Collected: 05/18/21 09:22
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:54	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 19:33	USEJ	ELLE

Client Sample ID: SS-57A
Lab Sample ID: 410-40334-37
Date Collected: 05/18/21 09:32
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-57A
Date Collected: 05/18/21 09:32
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-37
Matrix: Solid
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:54	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 19:56	USEJ	ELLE

Client Sample ID: SS-57B
Date Collected: 05/18/21 09:34
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-57B
Date Collected: 05/18/21 09:34
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-38
Matrix: Solid
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:54	Z8FW	ELLE
Total/NA	Analysis	8260D		1	129823	05/24/21 20:19	USEJ	ELLE

Client Sample ID: SS-58A
Date Collected: 05/18/21 09:01
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-58A
Date Collected: 05/18/21 09:01
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-39
Matrix: Solid
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:54	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 14:56	UCB5	ELLE

Client Sample ID: SS-58B
Date Collected: 05/18/21 09:05
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-58B
Lab Sample ID: 410-40334-40
Date Collected: 05/18/21 09:05
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:54	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 15:19	UCB5	ELLE

Client Sample ID: SS-59A
Lab Sample ID: 410-40334-41
Date Collected: 05/18/21 09:48
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-59A
Lab Sample ID: 410-40334-41
Date Collected: 05/18/21 09:48
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:54	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 15:43	UCB5	ELLE

Client Sample ID: SS-59B
Lab Sample ID: 410-40334-42
Date Collected: 05/18/21 09:52
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-59B
Lab Sample ID: 410-40334-42
Date Collected: 05/18/21 09:52
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:54	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 16:07	UCB5	ELLE

Client Sample ID: SS-60A
Lab Sample ID: 410-40334-43
Date Collected: 05/18/21 08:42
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-60A
Date Collected: 05/18/21 08:42
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-43
Matrix: Solid
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:54	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 16:30	UCB5	ELLE

Client Sample ID: SS-60B
Date Collected: 05/18/21 08:48
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-60B
Date Collected: 05/18/21 08:48
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-44
Matrix: Solid
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128513	05/20/21 06:08	Z8FW	ELLE
Total/NA	Analysis	8260D		50	130065	05/25/21 01:31	SWV2	ELLE

Client Sample ID: SS-61A
Date Collected: 05/18/21 10:13
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-61A
Date Collected: 05/18/21 10:13
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-45
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 08:35	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 16:54	UCB5	ELLE

Client Sample ID: SS-61B
Date Collected: 05/18/21 10:16
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-61B
Lab Sample ID: 410-40334-46
Date Collected: 05/18/21 10:16
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128513	05/20/21 08:38	Z8FW	ELLE
Total/NA	Analysis	8260D		50	130065	05/25/21 01:53	SWV2	ELLE

Client Sample ID: SS-62A
Lab Sample ID: 410-40334-47
Date Collected: 05/18/21 08:10
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128790	05/20/21 13:17	UGCW	ELLE

Client Sample ID: SS-62A
Lab Sample ID: 410-40334-47
Date Collected: 05/18/21 08:10
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 17:18	UCB5	ELLE

Client Sample ID: SS-62B
Lab Sample ID: 410-40334-48
Date Collected: 05/18/21 08:13
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-62B
Lab Sample ID: 410-40334-48
Date Collected: 05/18/21 08:13
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 17:41	UCB5	ELLE

Client Sample ID: SS-63A
Lab Sample ID: 410-40334-49
Date Collected: 05/18/21 07:48
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-63A
Lab Sample ID: 410-40334-49
Date Collected: 05/18/21 07:48
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 18:05	UCB5	ELLE

Client Sample ID: SS-63B
Lab Sample ID: 410-40334-50
Date Collected: 05/18/21 07:52
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-63B
Lab Sample ID: 410-40334-50
Date Collected: 05/18/21 07:52
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 18:28	UCB5	ELLE

Client Sample ID: SS-64A
Lab Sample ID: 410-40334-51
Date Collected: 05/18/21 07:30
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-64A
Lab Sample ID: 410-40334-51
Date Collected: 05/18/21 07:30
Matrix: Solid
Date Received: 05/19/21 11:01
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 18:52	UCB5	ELLE

Client Sample ID: SS-64B
Lab Sample ID: 410-40334-52
Date Collected: 05/18/21 07:33
Matrix: Solid
Date Received: 05/19/21 11:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-64B
Date Collected: 05/18/21 07:33
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-52
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 19:15	UCB5	ELLE

Client Sample ID: SS-65A
Date Collected: 05/18/21 07:15
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-65A
Date Collected: 05/18/21 07:15
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-53
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 19:39	UCB5	ELLE

Client Sample ID: SS-65B
Date Collected: 05/18/21 07:15
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Client Sample ID: SS-65B
Date Collected: 05/18/21 07:15
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-54
Matrix: Solid
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 20:02	UCB5	ELLE

Client Sample ID: SS-66A
Date Collected: 05/18/21 06:56
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128765	05/20/21 12:29	UGCW	ELLE

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Client Sample ID: SS-66A
Date Collected: 05/18/21 06:56
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-55
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130285	05/25/21 20:26	UCB5	ELLE

Client Sample ID: SS-66B
Date Collected: 05/18/21 07:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	128780	05/20/21 12:51	UGCW	ELLE

Client Sample ID: SS-66B
Date Collected: 05/18/21 07:00
Date Received: 05/19/21 11:01

Lab Sample ID: 410-40334-56
Matrix: Solid
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			128516	05/20/21 06:13	Z8FW	ELLE
Total/NA	Analysis	8260D		1	130292	05/25/21 12:33	NSK7	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Groundwater Sciences Corporation
Job ID: 410-40334-1
Project/Site: Endicott Shallow Soil Sampling

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	Freon 123a
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
5035	Closed System Purge and Trap	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-40334-1	SS-37A	Solid	05/18/21 15:11	05/19/21 11:01	
410-40334-2	SS-37B	Solid	05/18/21 15:14	05/19/21 11:01	
410-40334-3	SS-38A	Solid	05/18/21 14:57	05/19/21 11:01	
410-40334-4	SS-38B	Solid	05/18/21 15:00	05/19/21 11:01	
410-40334-5	SS-41A	Solid	05/18/21 14:33	05/19/21 11:01	
410-40334-6	SS-41B	Solid	05/18/21 14:36	05/19/21 11:01	
410-40334-7	SS-42A	Solid	05/18/21 14:15	05/19/21 11:01	
410-40334-8	SS-42B	Solid	05/18/21 14:18	05/19/21 11:01	
410-40334-9	SS-43A	Solid	05/18/21 14:00	05/19/21 11:01	
410-40334-10	SS-43B	Solid	05/18/21 14:03	05/19/21 11:01	
410-40334-11	SS-44A	Solid	05/18/21 13:50	05/19/21 11:01	
410-40334-12	SS-44B	Solid	05/18/21 13:53	05/19/21 11:01	
410-40334-13	SS-45A	Solid	05/18/21 13:30	05/19/21 11:01	
410-40334-14	SS-45B	Solid	05/18/21 13:33	05/19/21 11:01	
410-40334-15	SS-46A	Solid	05/18/21 13:17	05/19/21 11:01	
410-40334-16	SS-46B	Solid	05/18/21 13:20	05/19/21 11:01	
410-40334-17	SS-47A	Solid	05/18/21 11:47	05/19/21 11:01	
410-40334-18	SS-47B	Solid	05/18/21 11:51	05/19/21 11:01	
410-40334-19	SS-48A	Solid	05/18/21 12:00	05/19/21 11:01	
410-40334-20	SS-48B	Solid	05/18/21 12:02	05/19/21 11:01	
410-40334-21	SS-49A	Solid	05/18/21 13:00	05/19/21 11:01	
410-40334-22	SS-49B	Solid	05/18/21 13:03	05/19/21 11:01	
410-40334-23	SS-50A	Solid	05/18/21 12:50	05/19/21 11:01	
410-40334-24	SS-50B	Solid	05/18/21 12:52	05/19/21 11:01	
410-40334-25	SS-51A	Solid	05/18/21 12:37	05/19/21 11:01	
410-40334-26	SS-51B	Solid	05/18/21 12:39	05/19/21 11:01	
410-40334-27	SS-52A	Solid	05/18/21 12:23	05/19/21 11:01	
410-40334-28	SS-52B	Solid	05/18/21 12:26	05/19/21 11:01	
410-40334-29	SS-53A	Solid	05/18/21 10:50	05/19/21 11:01	
410-40334-30	SS-53B	Solid	05/18/21 10:52	05/19/21 11:01	
410-40334-31	SS-54A	Solid	05/18/21 11:02	05/19/21 11:01	
410-40334-32	SS-54B	Solid	05/18/21 11:05	05/19/21 11:01	
410-40334-33	SS-55A	Solid	05/18/21 10:35	05/19/21 11:01	
410-40334-34	SS-55B	Solid	05/18/21 10:38	05/19/21 11:01	
410-40334-35	SS-56A	Solid	05/18/21 09:20	05/19/21 11:01	
410-40334-36	SS-56B	Solid	05/18/21 09:22	05/19/21 11:01	
410-40334-37	SS-57A	Solid	05/18/21 09:32	05/19/21 11:01	
410-40334-38	SS-57B	Solid	05/18/21 09:34	05/19/21 11:01	
410-40334-39	SS-58A	Solid	05/18/21 09:01	05/19/21 11:01	
410-40334-40	SS-58B	Solid	05/18/21 09:05	05/19/21 11:01	
410-40334-41	SS-59A	Solid	05/18/21 09:48	05/19/21 11:01	
410-40334-42	SS-59B	Solid	05/18/21 09:52	05/19/21 11:01	
410-40334-43	SS-60A	Solid	05/18/21 08:42	05/19/21 11:01	
410-40334-44	SS-60B	Solid	05/18/21 08:48	05/19/21 11:01	
410-40334-45	SS-61A	Solid	05/18/21 10:13	05/19/21 11:01	
410-40334-46	SS-61B	Solid	05/18/21 10:16	05/19/21 11:01	
410-40334-47	SS-62A	Solid	05/18/21 08:10	05/19/21 11:01	
410-40334-48	SS-62B	Solid	05/18/21 08:13	05/19/21 11:01	
410-40334-49	SS-63A	Solid	05/18/21 07:48	05/19/21 11:01	
410-40334-50	SS-63B	Solid	05/18/21 07:52	05/19/21 11:01	
410-40334-51	SS-64A	Solid	05/18/21 07:30	05/19/21 11:01	
410-40334-52	SS-64B	Solid	05/18/21 07:33	05/19/21 11:01	
410-40334-53	SS-65A	Solid	05/18/21 07:15	05/19/21 11:01	

Sample Summary

Client: Groundwater Sciences Corporation
Project/Site: Endicott Shallow Soil Sampling

Job ID: 410-40334-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-40334-54	SS-65B	Solid	05/18/21 07:15	05/19/21 11:01	
410-40334-55	SS-66A	Solid	05/18/21 06:56	05/19/21 11:01	
410-40334-56	SS-66B	Solid	05/18/21 07:00	05/19/21 11:01	

nv, LLC

Chain of Custody Record

eurofins Environment Testing America

1 of 6

410-40334 Chain of Custody

	Sampler: Erin Peding	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.1
Client Contact: Scott Morgan	Phone: 717-798-1045	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 1 of 13
Company: Groundwater Sciences Corporation	PWSID:	Analysis Requested		Job #:
Address: 2601 Market Place Street, Suite 310	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Harrisburg	TAT Requested (days):			
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No			
Phone: 703-257-2586(Tel)	PO #: 4700158005			
Email: smorgan@groundwatersciences.com	WO #:			
Project Name: Endicott Shallow Soil Sampling	Project #: 41000254			
Site: New York	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture															Total Number of containers	Special Instructions/Note:
		Preservation Code:					N	N																
SS-37 A	5-18-21	1511	G	S			3	1																
SS-37 B		1514																						
SS-38 A		1457																						
SS-38 B		1500																						
SS-41 A		1433																						
SS-41 B		1436																						
SS-42 A		1415																						
SS-42 B		1418																						
SS-43 A		1400																						
SS-43 B		1403																						
SS-44 A		1350																						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	5/10/21 9:45	ELLE	Received by: GSC		
Relinquished by:	5.18.21 1615	GSC	Received by: Fedex	5/18/21 1615	
Relinquished by:			Received by:	5/18/21 5/19/21	ELLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 109372

Cooler Temperature(s) °C and Other Remarks: 2.5 2.3 1.1

Ver. 01/16/2019

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins Environment Testing America

2 of 6

Client Information	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.2
Client Contact: Scott Morgan	Phone: 717-798-1045	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 2 of 13
Company: Groundwater Sciences Corporation	PWSID:	Analysis Requested		Job #:
Address: 2601 Market Place Street, Suite 310	Due Date Requested:			
City: Harrisburg	TAT Requested (days):			
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No			
Phone: 703-257-2586(Tel)	PO #: 4700158005			
Email: smorgan@groundwatersciences.com	WO #:			
Project Name: Endicott Shallow Soil Sampling	Project #: 41000254			
Site: New York	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SS-44B	5-18-21	1353	G	S			3	1		
SS-45A		1330								
SS-45B		1333								
SS-46A		1317								
SS-46B		1320								
SS-47A		1147								
SS-47B		1151								
SS-48A		1200								
SS-48B		1202								
SS-49A		1300								
SS-49B		1303								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ________ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: [signature]	Date/Time: 5/10/21 9:45	Company: ECLE	Received by: GSC	Date/Time:	Company:
Relinquished by: [signature]	Date/Time: 5/18/21 1615	Company: GSC	Received by: FEDEX 1615	Date/Time: 5/18/21	Company:
Relinquished by:	Date/Time:	Company:	Received by: [signature]	Date/Time: 5/19/21 1101	Company: ELLE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 109372	Cooler Temperature(s) °C and Other Remarks: ~~2.4~~ 2.3

2.5°c cor 2.3 5/19/21

Ver: 01/16/2019

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.3
Client Contact: Scott Morgan	Phone: 717-798-1045	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 3 of 13
Company: Groundwater Sciences Corporation	PWSID:			Job #:
Address: 2601 Market Place Street, Suite 310	Due Date Requested:			
City: Harrisburg	TAT Requested (days):			
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No			
Phone: 703-257-2586(Tel)	PO #: 4700158005			
Email: smorgan@groundwatersciences.com	WO #:			
Project Name: Endicott Shallow Soil Sampling	Project #: 41000254			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SS-50 A	5-18-21	1250	G	S			3	1		
SS-50 B		1252								
SS-51 A		1237								
SS-51 B		1239								
SS-52 A		1223								
SS-52 B		1226								
SS-53 A		1050								
SS-53 B		1052								
SS-54 A		1102								
SS-54 B		1105								
SS-55 A		1035								

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/10/21 9:45	ELLE	GSC		
2		5/18/21 1615	GSC	FEDEX 1615	5/18/21	
3					5/19/21 1101	ELLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 109372

Cooler Temperature(s) °C and Other Remarks: ~~2.4~~ 2.3 2.5 (3) Box 5.19.21

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.4
Client Contact: Scott Morgan	Phone: 717-798-1045	E-Mail: Nicole Maljovec@eurofinset com	State of Origin: NY	Page: Page 4 of 13
Company: Groundwater Sciences Corporation	PWSID:	Analysis Requested		Job #:
Address: 2601 Market Place Street, Suite 310	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Harrisburg	TAT Requested (days):			
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No			
Phone: 703-257-2586(Tel)	PO #: 4700158005			
Email: smorgan@groundwatersciences.com	WO #:			
Project Name: Endicott Shallow Soil Sampling	Project #: 41000254			Other:
Site: New York	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SS-55 B	5/18/21	1038	G	S			3	1		
SS-56 A		0920								
SS-56 B		0922								
SS-57 A		0932								
SS-57 B		0934								
SS-58 A		0901								
SS-58 B		0905								
SS-59 A		0948								
SS-59 B		0952								
SS-60 A		0842								
SS-60 B		0848								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/10/21 9:45	ELLE	GSC		
2		5/18/21 1615	GSC	FEDEX 1615	5/18/21	
3					5/19/21 1141	ELLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 109372

Cooler Temperature(s) °C and Other Remarks: ~~2.6~~ 2.3

Ver: 06/16/2018

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

5 of 6

Client Information	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.5
Client Contact: Scott Morgan	Phone: 717-798-1045	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 5 of 13
Company: Groundwater Sciences Corporation	PWSID:			Job #:
Address: 2601 Market Place Street, Suite 310	Due Date Requested:			
City: Harrisburg	TAT Requested (days):			
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No			
Phone: 703-257-2586(Tel)	PO #: 4700158005			
Email: smorgan@groundwatersciences.com	WO #:			
Project Name: Endicott Shallow Soil Sampling	Project #: 41000254			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SS-61A	5/18/21	1013	G	S			3	1		
SS-61B		1016					1	1		
SS-62A		0810								
SS-62B		0813								
SS-63A		0748								
SS-63B		0752								
SS-64A		0730								
SS-64B		0733								
SS-65A		0715								
SS-65B		0715								
SS-66A		0656								

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/10/21 9:45	ELLE	GSC		
2		5/18/21 1615	GSC	Fedex	5/18/21 1615	
3					5/19/21 1101	ELLE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 109372	Cooler Temperature(s) °C and Other Remarks: 2.6 | 2.3

Ver: 01/16/2019

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Erin Peeling	Lab PM: Maljovec, Nicole	Carrier Tracking No(s):	COC No: 410-24338-7405.6
Client Contact: Scott Morgan	Phone: 717-798-1045 J	E-Mail: Nicole.Maljovec@eurofinset.com	State of Origin: NY	Page: Page 6 of 13
Company: Groundwater Sciences Corporation	PWSID:			Job #:

Address: 2601 Market Place Street, Suite 310	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Harrisburg	TAT Requested (days):		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: PA, 17110-9307	Compliance Project: Δ Yes Δ No		
Phone: 703-257-2586(Tel)	PO #: 4700158005		
Email: smorgan@groundwatersciences.com	WO #:		
Project Name: Endicott shallow Soil Sampling	Project #: 41000254		
Site: New York	SSOW#:		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - Endicott VOCs	Moisture - Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SS-66B	5/18/21	0700	G	S			3	1		

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Erin	5/18/21 1615	GSC	FEDEX	5/18/21 1615	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/19/21 1101	Company FELLE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 109372	Cooler Temperature(s) °C and Other Remarks: 2.6 | 2.3

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-40334-1

Login Number: 40334

List Source: Eurofins Lancaster Laboratories Env, LLC

List Number: 1

Creator: Colon Martinez, Jessenia C

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

APPENDIX D

Data Usability Summary Report with Data Validation Prepared by GHD

Technical Memorandum

July 15, 2021

To	Charles Rine (crine@groundwatersciences.com)	**Tel**	317-291-7022
Copy to	Michael A. Okamoto, Angela Bown	**Email**	Michael.Richardson@ghd.com
From	Michael Richardson/md/128	**Ref. No.**	049392
Subject	**Analytical Results and Reduced Validation Soil Sampling IBM-Endicott Endicott, New York May 2021**		

1. Introduction

This document details a quality assessment and validation of the analytical data resulting from the May 2021 collection of soil samples from the IBM-Endicott Site in Endicott, New York. Samples were submitted to Eurofins Lancaster Laboratories Environmental (ELLE) located in Lancaster, Pennsylvania. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

This DUSR has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation "Draft DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B-Guidance for the Development of Data Usability Summary Reports", December 2002.

The data package was complete as defined under the requirements for Analytical Services Protocol (ASP) Category B deliverables.

The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, initial and continuing calibration data, method blank data, and recovery data from surrogate spikes, laboratory control samples (LCS), and matrix spikes (MS).

The QA/QC criteria by which these data have been assessed are outlined in the analytical method referenced in Table 3 and applicable guidance from the documents entitled:

i) "Quality Assurance Project Plan for the Former IBM Endicott Site", January 2009

ii) "National Functional Guidelines for Inorganic Superfund Methods Data Review", EPA 540-R-2016-001, September 2016

Item ii) will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly delivered on ice and stored by the laboratory at the required temperature (0-6°C).

3. Gas Chromatography/Mass Spectrometer (GC/MS) – Tuning and Mass Calibration (Instrument Performance Check)

Prior to volatile organic compound (VOC), GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, methods require the analysis of specific tuning compounds bromofluorobenzene (BFB). The resulting spectra must meet the criteria cited in the methods before analysis is initiated. Analysis of the tuning compound must then be repeated every 12 hours throughout sample analysis to ensure the continued optimization of the instrument.

Tuning compounds were analyzed at the required frequency throughout VOC analysis periods. All tuning criteria were met indicating that proper optimization of the instrumentation was achieved.

4. Initial Calibration

To quantify VOCs of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range. Linearity of the calibration curve and instrument sensitivity are evaluated against the following criteria:

1. All relative response factors (RRFs) must be greater than or equal to 0.050 (greater than or equal to 0.010 for compounds that exhibit poor response)
2. The percent relative standard deviation (%RSD) values must not exceed 20.0 percent (40.0 percent for compounds that exhibit poor response) or a minimum correlation coefficient (R) and minimum coefficient of determination (R^2) of 0.99 if linear and quadratic equation calibration curves are used

The initial calibration data for VOCs were reviewed. All compounds met the above criteria for sensitivity and linearity.

5. Continuing Calibration

To ensure that instrument calibration for VOC analyses is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 12 hours.

The following criteria were employed to evaluate continuing calibration data:

1. All RRF values must be greater than or equal to 0.050 (greater than or equal to 0.010 for compounds that exhibit poor response)

2. Percent difference (%D) values must not exceed 20.0 percent (40.0 percent for compounds that exhibit poor response)

Some continuing calibration standard results indicated variability in instrument response for various compounds. %D values were reported out of acceptable criteria for some compounds, indicating non-linearity in the calibration curves. Qualified results are summarized in Table 4.

6. Laboratory Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures. Additionally, initial and continuing calibration blanks (ICBs/CCBs) are routinely analyzed.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

7. Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the laboratory criteria.

8. Internal Standards (IS) Analyses

IS data were evaluated for all VOC sample analyses.

To ensure that changes in the GC/MS sensitivity and response do not affect sample analysis results, IS compounds are added to each sample prior to analysis. All results are then calculated as a ratio of the IS responses.

The sample IS results were evaluated against the following criteria:

1. The retention time of the IS must not vary more than ±30 seconds from the associated calibration standard.
2. IS area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated calibration standard.

Some low internal standard recoveries were reported. All associated results which were quantitated using this IS were qualified as estimated. Some extremely low (<20%) internal standard recoveries were reported. Associated non-detect results were rejected based on the poor analytical efficiency. Qualified and rejected results are summarized in Table 5.

9. Laboratory Control Sample Analyses

LCS and laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory method control limits, demonstrating acceptable analytical accuracy and precision.

10. Matrix Spike Analyses

To evaluate the effects of sample matrices on the preparation, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS samples. For this study, MS samples were prepared and analyzed by the laboratory as specified in Table 1.

The MS results were evaluated per the "Guidelines". In accordance with the "Guidelines", MS recoveries for samples with analyte concentrations significantly greater than the spike concentrations could not be assessed.

MS percent recovery values were outside of control limits for several analytes. Positive sample results associated with outlying recoveries were qualified as estimated. Non-detect results associated with high MS/MSD recoveries were not qualified. The indicated high bias would not impact the data. Qualified results are summarized in Table 6.

11. Analyte Reporting

The laboratory reported detected results down to the laboratory's MDL for each analyte. Positive analyte detections less than the RL but greater than the MDL were reported as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 2.

All soil results were reported on a dry weight basis.

12. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific exceptions and qualifications noted herein.

Regards,

Michael Richardson
Digital Intelligence-Data Management-Data Validator

Table 1

Sample Collection and Analysis Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters: VOCs	Comments
SS-01A	SS-01	soil	0.2	0.4	05/17/2021	08:00:00	X	
SS-01B	SS-01	soil	0.7	0.9	05/17/2021	08:06:00	X	
SS-02A	SS-02	soil	0.2	0.4	05/17/2021	07:30:00	X	
SS-02B	SS-02	soil	0.7	0.9	05/17/2021	07:37:00	X	
SS-03A	SS-03	soil	0.3	0.5	05/17/2021	08:30:00	X	
SS-03B	SS-03	soil	0.8	1	05/17/2021	08:37:00	X	
SS-04A	SS-04	soil	1	1.1	05/17/2021	10:35:00	X	
SS-04B	SS-04	soil	1.5	1.6	05/17/2021	10:40:00	X	
SS-05A	SS-05	soil	0.5	0.7	05/17/2021	09:00:00	X	
SS-05B	SS-05	soil	1	1.2	05/17/2021	09:05:00	X	
SS-06A	SS-06	soil	1	1.1	05/17/2021	10:20:00	X	
SS-06B	SS-06	soil	1.5	1.6	05/17/2021	10:22:00	X	
SS-07A	SS-07	soil	0.6	0.8	05/17/2021	09:20:00	X	
SS-07B	SS-07	soil	1.1	1.3	05/17/2021	09:24:00	X	
SS-08A	SS-08	soil	0.4	0.6	05/17/2021	09:40:00	X	
SS-08B	SS-08	soil	1.1	1.2	05/17/2021	09:44:00	X	
SS-09A	SS-09	soil	0.5	0.7	05/17/2021	11:08:00	X	
SS-09B	SS-09	soil	1.2	1.4	05/17/2021	11:12:00	X	
SS-10A	SS-10	soil	1.1	1.3	05/17/2021	11:25:00	X	
SS-10B	SS-10	soil	1.8	1.9	05/17/2021	11:27:00	X	
SS-11A	SS-11	soil	0.6	0.8	05/17/2021	12:02:00	X	
SS-11B	SS-11	soil	1.3	1.4	05/17/2021	12:05:00	X	
SS-12A	SS-12	soil	0.7	0.8	05/17/2021	11:45:00	X	
SS-12B	SS-12	soil	1.3	1.5	05/17/2021	11:48:00	X	
SS-13A	SS-13	soil	0.5	0.6	05/17/2021	12:23:00	X	
SS-13B	SS-13	soil	1.1	1.3	05/17/2021	12:25:00	X	
SS-14A	SS-14	soil	0.4	0.5	05/17/2021	13:13:00	X	
SS-14B	SS-14	soil	1	1.1	05/17/2021	13:16:00	X	
SS-15A	SS-15	soil	0.7	0.8	05/17/2021	13:48:00	X	

Table 1

Sample Collection and Analysis Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters: VOCs	Comments
SS-15B	SS-15	soil	1.3	1.5	05/17/2021	13:51:00	X	
SS-16A	SS-16	soil	0.9	1	05/17/2021	13:30:00	X	
SS-16B	SS-16	soil	1.5	1.7	05/17/2021	13:33:00	X	
SS-17A	SS-17	soil	1	1.2	05/17/2021	14:12:00	X	
SS-17B	SS-17	soil	1.5	1.7	05/17/2021	14:17:00	X	
SS-18A	SS-18	soil	0.5	0.6	05/17/2021	14:35:00	X	
SS-18B	SS-18	soil	1.1	1.3	05/17/2021	14:40:00	X	
SS-19A	SS-19	soil	0.7	0.8	05/17/2021	14:54:00	X	
SS-19B	SS-19	soil	1.3	1.5	05/17/2021	14:57:00	X	
SS-20A	SS-20	soil	0.6	0.8	05/17/2021	15:11:00	X	
SS-20B	SS-20	soil	1.3	1.4	05/17/2021	15:13:00	X	
SS-21A	SS-21	soil	0.2	0.4	05/19/2021	06:41:00	X	
SS-21B	SS-21	soil	0.9	1	05/19/2021	06:44:00	X	
SS-22A	SS-22	soil	0.6	0.7	05/19/2021	06:57:00	X	
SS-22B	SS-22	soil	1.2	1.4	05/19/2021	07:00:00	X	
SS-23A	SS-23	soil	0.3	0.5	05/19/2021	11:08:00	X	
SS-23B	SS-23	soil	1	1.1	05/19/2021	11:12:00	X	
SS-24A	SS-24	soil	0.3	0.4	05/19/2021	10:54:00	X	
SS-24B	SS-24	soil	0.8	0.9	05/19/2021	10:58:00	X	
SS-25A	SS-25	soil	0.4	0.6	05/19/2021	10:40:00	X	
SS-25B	SS-25	soil	1.1	1.3	05/19/2021	10:45:00	X	
SS-26A	SS-26	soil	0.3	0.5	05/19/2021	09:16:00	X	
SS-26B	SS-26	soil	1	1.1	05/19/2021	09:19:00	X	
SS-27A	SS-27	soil	0.5	0.7	05/19/2021	07:15:00	X	
SS-27B	SS-27	soil	1.1	1.3	05/19/2021	07:18:00	X	
SS-28A	SS-28	soil	0.5	0.7	05/19/2021	09:22:00	X	
SS-28B	SS-28	soil	1.2	1.4	05/19/2021	09:25:00	X	
SS-29A	SS-29	soil	0.5	0.7	05/19/2021	09:57:00	X	
SS-29B	SS-29	soil	1.2	1.4	05/19/2021	10:00:00	X	

Table 1

Sample Collection and Analysis Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters: VOCs	Comments
SS-30A	SS-30	soil	0.4	0.6	05/19/2021	09:36:00	X	
SS-30B	SS-30	soil	1.1	1.3	05/19/2021	09:40:00	X	
SS-31A	SS-31	soil	0.6	0.7	05/19/2021	07:32:00	X	
SS-31B	SS-31	soil	1.2	1.4	05/19/2021	07:37:00	X	
SS-32A	SS-32	soil	0.5	0.7	05/19/2021	07:49:00	X	
SS-32B	SS-32	soil	1.2	1.4	05/19/2021	07:52:00	X	
SS-33A	SS-33	soil	0.5	0.7	05/19/2021	08:58:00	X	
SS-33B	SS-33	soil	1.2	1.4	05/19/2021	09:03:00	X	
SS-34A	SS-34	soil	0.6	0.7	05/19/2021	08:40:00	X	
SS-34B	SS-34	soil	1.2	1.4	05/19/2021	08:44:00	X	
SS-35A	SS-35	soil	0.2	0.4	05/19/2021	08:04:00	X	
SS-35B	SS-35	soil	0.9	1.1	05/19/2021	08:09:00	X	
SS-36A	SS-36	soil	0.1	0.3	05/19/2021	08:24:00	X	
SS-36B	SS-36	soil	0.8	1	05/19/2021	08:29:00	X	
SS-37A	SS-37	soil	0.2	0.4	05/18/2021	15:11:00	X	
SS-37B	SS-37	soil	0.9	1	05/18/2021	15:14:00	X	
SS-38A	SS-38	soil	0.6	0.8	05/18/2021	14:57:00	X	
SS-38B	SS-38	soil	1.3	1.5	05/18/2021	15:00:00	X	
SS-39A	SS-39	soil	0.4	0.5	05/19/2021	12:25:00	X	
SS-39B	SS-39	soil	0.7	0.9	05/19/2021	12:33:00	X	
SS-40A	SS-40	soil	0.4	0.5	05/19/2021	12:44:00	X	
SS-40B	SS-40	soil	0.6	0.8	05/19/2021	12:52:00	X	
SS-41A	SS-41	soil	0.5	0.6	05/18/2021	14:33:00	X	
SS-41B	SS-41	soil	1.1	1.3	05/18/2021	14:36:00	X	
SS-42A	SS-42	soil	0.4	0.6	05/18/2021	14:15:00	X	
SS-42B	SS-42	soil	1.1	1.2	05/18/2021	14:18:00	X	
SS-43A	SS-43	soil	0.2	0.4	05/18/2021	14:00:00	X	
SS-43B	SS-43	soil	0.9	1	05/18/2021	14:03:00	X	MS
SS-44A	SS-44	soil	0.3	0.4	05/18/2021	13:50:00	X	

Table 1

Sample Collection and Analysis Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters: VOCs	Comments
SS-44B	SS-44	soil	0.9	1.1	05/18/2021	13:53:00	X	
SS-45A	SS-45	soil	0.4	0.6	05/18/2021	13:30:00	X	
SS-45B	SS-45	soil	1.1	1.2	05/18/2021	13:33:00	X	
SS-46A	SS-46	soil	0.6	0.7	05/18/2021	13:17:00	X	
SS-46B	SS-46	soil	1.2	1.4	05/18/2021	13:20:00	X	
SS-47A	SS-47	soil	0.6	0.7	05/18/2021	11:47:00	X	
SS-47B	SS-47	soil	1.2	1.4	05/18/2021	11:51:00	X	
SS-48A	SS-48	soil	0.6	0.7	05/18/2021	12:00:00	X	
SS-48B	SS-48	soil	1.2	1.4	05/18/2021	12:02:00	X	
SS-49A	SS-49	soil	0.5	0.7	05/18/2021	13:00:00	X	
SS-49B	SS-49	soil	1.2	1.3	05/18/2021	13:03:00	X	
SS-50A	SS-50	soil	0.3	0.5	05/18/2021	12:50:00	X	
SS-50B	SS-50	soil	1	1.1	05/18/2021	12:52:00	X	
SS-51A	SS-51	soil	0.4	0.6	05/18/2021	12:37:00	X	
SS-51B	SS-51	soil	1.1	1.2	05/18/2021	12:39:00	X	
SS-52A	SS-52	soil	0.3	0.5	05/18/2021	12:23:00	X	
SS-52B	SS-52	soil	1	1.2	05/18/2021	12:26:00	X	
SS-53A	SS-53	soil	1	1.2	05/18/2021	10:50:00	X	
SS-53B	SS-53	soil	1.7	1.9	05/18/2021	10:52:00	X	
SS-54A	SS-54	soil	0.4	0.6	05/18/2021	11:02:00	X	
SS-54B	SS-54	soil	1.1	1.2	05/18/2021	11:05:00	X	
SS-55A	SS-55	soil	0.3	0.5	05/18/2021	10:35:00	X	
SS-55B	SS-55	soil	1	1.2	05/18/2021	10:38:00	X	
SS-56A	SS-56	soil	0.2	0.3	05/18/2021	09:20:00	X	
SS-56B	SS-56	soil	0.8	1	05/18/2021	09:22:00	X	

Table 1

Sample Collection and Analysis Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs.)	Final Sample Depth (ft. bgs.)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters: VOCs	Comments
SS-57A	SS-57	soil	0.3	0.5	05/18/2021	09:32:00	X	
SS-57B	SS-57	soil	1	1.1	05/18/2021	09:34:00	X	
SS-58A	SS-58	soil	0.3	0.5	05/18/2021	09:01:00	X	
SS-58B	SS-58	soil	1	1.1	05/18/2021	09:05:00	X	
SS-59A	SS-59	soil	0.7	0.9	05/18/2021	09:48:00	X	
SS-59B	SS-59	soil	1.4	1.5	05/18/2021	09:52:00	X	
SS-60A	SS-60	soil	0.5	0.7	05/18/2021	08:42:00	X	
SS-60B	SS-60	soil	1.2	1.3	05/18/2021	08:48:00	X	
SS-61A	SS-61	soil	1	1.2	05/18/2021	10:13:00	X	
SS-61B	SS-61	soil	1.3	1.4	05/18/2021	10:16:00	X	
SS-62A	SS-62	soil	0.3	0.5	05/18/2021	08:10:00	X	
SS-62B	SS-62	soil	1	1.1	05/18/2021	08:13:00	X	
SS-63A	SS-63	soil	0.9	1.1	05/18/2021	07:48:00	X	
SS-63B	SS-63	soil	1.6	1.7	05/18/2021	07:52:00	X	
SS-64A	SS-64	soil	0.4	0.5	05/18/2021	07:30:00	X	
SS-64B	SS-64	soil	1	1.2	05/18/2021	07:33:00	X	
SS-65A	SS-65	soil	0.3	0.4	05/18/2021	07:15:00	X	
SS-65B	SS-65	soil	0.9	1.1	05/18/2021	07:15:00	X	
SS-66A	SS-66	soil	0.4	0.6	05/18/2021	06:56:00	X	
SS-66B	SS-66	soil	1.1	1.2	05/18/2021	07:00:00	X	
SS-67A	SS-67	soil	0.4	0.6	05/17/2021	15:42:00	X	
SS-67B	SS-67	soil	1.1	1.3	05/17/2021	15:43:00	X	

Notes:

ft. bgs. - Feet below ground surface
VOCs - Volatile Organic Compounds
MS - Matrix Spike

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-04	SS-04	SS-05	SS-05	SS-06
Sample Name:		**SS-01A**	**SS-01B**	**SS-02A**	**SS-02B**	**SS-03A**	**SS-03B**	**SS-04A**	**SS-04B**	**SS-05A**	**SS-05B**	**SS-06A**
Sample Date:		**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**
Depth:		**0.2-0.4 ft BGS**	**0.7-0.9 ft BGS**	**0.2-0.4 ft BGS**	**0.7-0.9 ft BGS**	**0.3-0.5 ft BGS**	**0.8-1 ft BGS**	**1-1.1 ft BGS**	**1.5-1.6 ft BGS**	**0.5-0.7 ft BGS**	**1-1.2 ft BGS**	**1-1.1 ft BGS**
Parameters	**Unit**											
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	ND(5.1)	ND(5.7)	ND(5.9)	ND(6.3)	ND(5.9)	ND(5.4)	ND(5.6)
1,1-Dichloroethane	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	ND(5.1)	ND(5.7)	ND(5.9)	ND(6.3)	ND(5.9)	ND(5.4)	ND(5.6)
1,1-Dichloroethene	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	ND(5.1)	ND(5.7)	ND(5.9)	ND(6.3)	ND(5.9)	ND(5.4)	ND(5.6)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	ND(5.1)	ND(5.7)	ND(5.9)	ND(6.3)	ND(5.9)	ND(5.4)	ND(5.6)
Chloroethane	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	ND(5.1)	ND(5.7)	ND(5.9)	ND(6.3)	ND(5.9)	ND(5.4)	ND(5.6)
cis-1,2-Dichloroethene	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	ND(5.1)	ND(5.7)	ND(5.9)	ND(6.3)	ND(5.9)	ND(5.4)	ND(5.6)
Methylene chloride	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	2.8 J	4.5 J	ND(5.9)	ND(6.3)	11	12	8.1
Tetrachloroethene	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	ND(5.1)	ND(5.7)	ND(5.9)	ND(6.3)	ND(5.9)	ND(5.4)	ND(5.6)
Trichloroethene	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	ND(5.1)	ND(5.7)	ND(5.9)	ND(6.3)	ND(5.9)	ND(5.4)	ND(5.6)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(12)	ND(12)	ND(13)	ND(9.5)	ND(10)	ND(11)	ND(12)	ND(13)	ND(12)	ND(11)	ND(11)
Vinyl chloride	µg/kg	ND(5.9)	ND(6.2)	ND(6.6)	ND(4.7)	ND(5.1)	ND(5.7)	ND(5.9)	ND(6.3)	ND(5.9)	ND(5.4)	ND(5.6)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-06	SS-07	SS-07	SS-08	SS-08	SS-09	SS-09	SS-10	SS-10	SS-11
Sample Name:		**SS-06B**	**SS-07A**	**SS-07B**	**SS-08A**	**SS-08B**	**SS-09A**	**SS-09B**	**SS-10A**	**SS-10B**	**SS-11A**
Sample Date:		**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**
Depth:		**1.5-1.6 ft BGS**	**0.6-0.8 ft BGS**	**1.1-1.3 ft BGS**	**0.4-0.6 ft BGS**	**1.1-1.2 ft BGS**	**0.5-0.7 ft BGS**	**1.2-1.4 ft BGS**	**1.1-1.3 ft BGS**	**1.8-1.9 ft BGS**	**0.6-0.8 ft BGS**
Parameters	**Unit**										
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg	ND(6.1)	ND(7.8)	ND(5.0)	ND(7.6)	ND(5.6)	ND(6.1)	ND(5.1)	ND(5.5)	ND(5.2)	ND(5.1)
1,1-Dichloroethane	µg/kg	ND(6.1)	ND(7.8)	ND(5.0)	ND(7.6)	ND(5.6)	ND(6.1)	ND(5.1)	ND(5.5)	ND(5.2)	ND(5.1)
1,1-Dichloroethene	µg/kg	ND(6.1)	ND(7.8)	ND(5.0)	ND(7.6)	ND(5.6)	ND(6.1)	ND(5.1)	ND(5.5)	ND(5.2)	ND(5.1)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(6.1)	ND(7.8)	ND(5.0)	ND(7.6)	ND(5.6)	ND(6.1)	ND(5.1)	ND(5.5)	ND(5.2)	ND(5.1)
Chloroethane	µg/kg	ND(6.1)	ND(7.8)	ND(5.0)	ND(7.6)	ND(5.6)	ND(6.1)	ND(5.1)	ND(5.5)	ND(5.2)	ND(5.1)
cis-1,2-Dichloroethene	µg/kg	ND(6.1)	ND(7.8)	ND(5.0)	ND(7.6)	ND(5.6)	ND(6.1)	ND(5.1)	ND(5.5)	ND(5.2)	ND(5.1)
Methylene chloride	µg/kg	ND(6.1)	46	ND(5.0)	22	ND(5.6)	ND(6.1)	ND(5.1)	7.9	ND(5.2)	ND(5.1)
Tetrachloroethene	µg/kg	ND(6.1)	ND(7.8)	ND(5.0)	ND(7.6)	ND(5.6)	ND(6.1)	ND(5.1)	ND(5.5)	ND(5.2)	ND(5.1)
Trichloroethene	µg/kg	ND(6.1)	ND(7.8)	1.3 J	ND(7.6)	ND(5.6)	ND(6.1)	ND(5.1)	ND(5.5)	ND(5.2)	ND(5.1)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(12)	ND(16)	ND(10)	ND(15)	ND(11)	ND(12)	ND(10)	ND(11)	ND(10)	ND(10)
Vinyl chloride	µg/kg	ND(6.1)	ND(7.8)	ND(5.0)	ND(7.6)	ND(5.6)	ND(6.1)	ND(5.1)	ND(5.5)	ND(5.2)	ND(5.1)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-11	SS-12	SS-12	SS-13	SS-13	SS-14	SS-14	SS-15	SS-15	SS-16	SS-16
Sample Name:		**SS-11B**	**SS-12A**	**SS-12B**	**SS-13A**	**SS-13B**	**SS-14A**	**SS-14B**	**SS-15A**	**SS-15B**	**SS-16A**	**SS-16B**
Sample Date:		**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**	**05/17/2021**
Depth:		**1.3-1.4 ft BGS**	**0.7-0.8 ft BGS**	**1.3-1.5 ft BGS**	**0.5-0.6 ft BGS**	**1.1-1.3 ft BGS**	**0.4-0.5 ft BGS**	**1-1.1 ft BGS**	**0.7-0.8 ft BGS**	**1.3-1.5 ft BGS**	**0.9-1 ft BGS**	**1.5-1.7 ft BGS**
Parameters	**Unit**											
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg	ND(5.0)	ND(5.6)	ND(6.6)	ND(5.1)	ND(4.8)	ND(5.4)	ND(5.0)	ND(6.5)	ND(5.5)	ND(5.8)	ND(5.6)
1,1-Dichloroethane	µg/kg	ND(5.0)	ND(5.6)	ND(6.6)	ND(5.1)	ND(4.8)	ND(5.4)	ND(5.0)	ND(6.5)	ND(5.5)	ND(5.8)	ND(5.6)
1,1-Dichloroethene	µg/kg	ND(5.0)	ND(5.6)	ND(6.6)	ND(5.1)	ND(4.8)	ND(5.4)	ND(5.0)	ND(6.5)	ND(5.5)	ND(5.8)	ND(5.6)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(5.0)	ND(5.6)	ND(6.6)	ND(5.1)	ND(4.8)	ND(5.4)	ND(5.0)	ND(6.5)	ND(5.5)	ND(5.8)	ND(5.6)
Chloroethane	µg/kg	ND(5.0)	ND(5.6)	ND(6.6)	ND(5.1)	ND(4.8)	ND(5.4)	ND(5.0)	ND(6.5)	ND(5.5)	ND(5.8)	ND(5.6)
cis-1,2-Dichloroethene	µg/kg	ND(5.0)	ND(5.6)	ND(6.6)	ND(5.1)	ND(4.8)	ND(5.4)	ND(5.0)	ND(6.5)	ND(5.5)	ND(5.8)	ND(5.6)
Methylene chloride	µg/kg	8.0	ND(5.6)	2.8 J	ND(5.1)	ND(4.8)	6.8	ND(5.0)	5.6 J	3.0 J	ND(5.8)	ND(5.6)
Tetrachloroethene	µg/kg	ND(5.0)	ND(5.6)	ND(6.6)	ND(5.1)	ND(4.8)	ND(5.4)	ND(5.0)	ND(6.5)	ND(5.5)	ND(5.8)	ND(5.6)
Trichloroethene	µg/kg	ND(5.0)	ND(5.6)	ND(6.6)	ND(5.1)	ND(4.8)	ND(5.4)	ND(5.0)	ND(6.5)	ND(5.5)	ND(5.8)	ND(5.6)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(10)	ND(11)	ND(13)	ND(10)	ND(9.5)	ND(11)	ND(10)	ND(13)	ND(11)	ND(12)	ND(11)
Vinyl chloride	µg/kg	ND(5.0)	ND(5.6)	ND(6.6)	ND(5.1)	ND(4.8)	ND(5.4)	ND(5.0)	ND(6.5)	ND(5.5)	ND(5.8)	ND(5.6)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-17	SS-17	SS-18	SS-18	SS-19	SS-19	SS-20	SS-20	SS-21	SS-21	SS-22
Sample Name:		SS-17A	SS-17B	SS-18A	SS-18B	SS-19A	SS-19B	SS-20A	SS-20B	SS-21A	SS-21B	SS-22A
Sample Date:		05/17/2021	05/17/2021	05/17/2021	05/17/2021	05/17/2021	05/17/2021	05/17/2021	05/17/2021	05/19/2021	05/19/2021	05/19/2021
Depth:		1-1.2 ft BGS	1.5-1.7 ft BGS	0.5-0.6 ft BGS	1.1-1.3 ft BGS	0.7-0.8 ft BGS	1.3-1.5 ft BGS	0.6-0.8 ft BGS	1.3-1.4 ft BGS	0.2-0.4 ft BGS	0.9-1 ft BGS	0.6-0.7 ft BGS
Parameters	**Unit**											
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg	ND(9.2)	ND(6.7)	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)
1,1-Dichloroethane	µg/kg	ND(9.2)	ND(6.7)	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)
1,1-Dichloroethene	µg/kg	ND(9.2)	ND(6.7)	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(9.2)	ND(6.7)	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)
Chloroethane	µg/kg	ND(9.2)	ND(6.7)	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)
cis-1,2-Dichloroethene	µg/kg	ND(9.2)	ND(6.7)	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)
Methylene chloride	µg/kg	ND(9.2)	ND(6.7)	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)
Tetrachloroethene	µg/kg	2.3 J	4.4 J	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)
Trichloroethene	µg/kg	ND(9.2)	1.1 J	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(18)	ND(13)	ND(11)	ND(11)	ND(13)	ND(12)	ND(11)	ND(10)	ND(10)	ND(11)	ND(11)
Vinyl chloride	µg/kg	ND(9.2)	ND(6.7)	ND(5.4)	ND(5.4)	ND(6.5)	ND(6.1)	ND(5.6)	ND(5.2)	ND(5.1)	ND(5.7)	ND(5.6)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-22	SS-23	SS-23	SS-24	SS-24	SS-25	SS-25	SS-26	SS-26	SS-27	SS-27
Sample Name:		**SS-22B**	**SS-23A**	**SS-23B**	**SS-24A**	**SS-24B**	**SS-25A**	**SS-25B**	**SS-26A**	**SS-26B**	**SS-27A**	**SS-27B**
Sample Date:		**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**
Depth:		**1.2-1.4 ft BGS**	**0.3-0.5 ft BGS**	**1-1.1 ft BGS**	**0.3-0.4 ft BGS**	**0.8-0.9 ft BGS**	**0.4-0.6 ft BGS**	**1.1-1.3 ft BGS**	**0.3-0.5 ft BGS**	**1-1.1 ft BGS**	**0.5-0.7 ft BGS**	**1.1-1.3 ft BGS**
Parameters	**Unit**											
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)
1,1-Dichloroethane	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)
1,1-Dichloroethene	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)
Chloroethane	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)
cis-1,2-Dichloroethene	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)
Methylene chloride	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)
Tetrachloroethene	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)
Trichloroethene	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(10)	ND(11)	ND(9.7)	ND(13)	ND(11)	ND(11)	ND(11)	ND(11)	ND(12)	ND(10)	ND(11)
Vinyl chloride	µg/kg	ND(5.2)	ND(5.5)	ND(4.9)	ND(6.7)	ND(5.7)	ND(5.4)	ND(5.7)	ND(5.4)	ND(5.8)	ND(5.2)	ND(5.4)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-28	SS-28	SS-29	SS-29	SS-30	SS-30	SS-31	SS-31	SS-32	SS-32
Sample Name:		**SS-28A**	**SS-28B**	**SS-29A**	**SS-29B**	**SS-30A**	**SS-30B**	**SS-31A**	**SS-31B**	**SS-32A**	**SS-32B**
Sample Date:		**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**
Depth:		**0.5-0.7 ft BGS**	**1.2-1.4 ft BGS**	**0.5-0.7 ft BGS**	**1.2-1.4 ft BGS**	**0.4-0.6 ft BGS**	**1.1-1.3 ft BGS**	**0.6-0.7 ft BGS**	**1.2-1.4 ft BGS**	**0.5-0.7 ft BGS**	**1.2-1.4 ft BGS**
Parameters	**Unit**										
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg	ND(5.9)	ND(5.1)	ND(5.6)	ND(5.5)	ND(5.5)	ND(5.0)	ND(5.6)	ND(5.4)	ND(5.2)	ND(5.3)
1,1-Dichloroethane	µg/kg	ND(5.9)	ND(5.1)	ND(5.6)	ND(5.5)	ND(5.5)	ND(5.0)	ND(5.6)	ND(5.4)	ND(5.2)	ND(5.3)
1,1-Dichloroethene	µg/kg	ND(5.9)	ND(5.1)	ND(5.6)	ND(5.5)	ND(5.5)	ND(5.0)	ND(5.6)	ND(5.4)	ND(5.2)	ND(5.3)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(5.9)	ND(5.1)	ND(5.6)	ND(5.5)	ND(5.5)	ND(5.0)	ND(5.6)	ND(5.4)	ND(5.2)	ND(5.3)
Chloroethane	µg/kg	ND(5.9)	ND(5.1)	ND(5.6)	ND(5.5)	ND(5.5)	ND(5.0)	ND(5.6)	ND(5.4)	ND(5.2)	ND(5.3)
cis-1,2-Dichloroethene	µg/kg	ND(5.9)	ND(5.1)	ND(5.6)	ND(5.5)	ND(5.5)	ND(5.0)	ND(5.6)	ND(5.4)	ND(5.2)	ND(5.3)
Methylene chloride	µg/kg	ND(5.9)	ND(5.1)	ND(5.6)	ND(5.5)	ND(5.5)	ND(5.0)	ND(5.6)	ND(5.4)	ND(5.2)	ND(5.3)
Tetrachloroethene	µg/kg	ND(5.9)	ND(5.1)	ND(5.6)	1.2 J	ND(5.5)	ND(5.0)	ND(5.6)	0.89 J	ND(5.2)	R
Trichloroethene	µg/kg	ND(5.9)	2.2 J	ND(5.6)	ND(5.5)	ND(5.5)	ND(5.0)	ND(5.6)	ND(5.4)	ND(5.2)	ND(5.3)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(12)	ND(10)	ND(11)	ND(11)	ND(11)	ND(10)	ND(11)	ND(11)	ND(10)	ND(11)
Vinyl chloride	µg/kg	ND(5.9)	ND(5.1)	ND(5.6)	ND(5.5)	ND(5.5)	ND(5.0)	ND(5.6)	ND(5.4)	ND(5.2)	ND(5.3)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-33	SS-33	SS-34	SS-34	SS-35	SS-35	SS-36	SS-36	SS-37	SS-37	SS-38
Sample Name:		**SS-33A**	**SS-33B**	**SS-34A**	**SS-34B**	**SS-35A**	**SS-35B**	**SS-36A**	**SS-36B**	**SS-37A**	**SS-37B**	**SS-38A**
Sample Date:		**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**
Depth:		**0.5-0.7 ft BGS**	**1.2-1.4 ft BGS**	**0.6-0.7 ft BGS**	**1.2-1.4 ft BGS**	**0.2-0.4 ft BGS**	**0.9-1.1 ft BGS**	**0.1-0.3 ft BGS**	**0.8-1 ft BGS**	**0.2-0.4 ft BGS**	**0.9-1 ft BGS**	**0.6-0.8 ft BGS**
Parameters	**Unit**											
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	ND(7.3)	ND(5.5)	ND(5.6)	ND(6.0)	ND(6.5)	0.85 J	ND(5.9)
1,1-Dichloroethane	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	ND(7.3)	ND(5.5)	ND(5.6)	ND(6.0)	ND(6.5)	ND(4.9)	ND(5.9)
1,1-Dichloroethene	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	ND(7.3)	ND(5.5)	ND(5.6)	ND(6.0)	ND(6.5)	ND(4.9)	ND(5.9)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	ND(7.3)	ND(5.5)	ND(5.6)	ND(6.0)	ND(6.5)	ND(4.9)	ND(5.9)
Chloroethane	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	ND(7.3)	ND(5.5)	ND(5.6)	ND(6.0)	ND(6.5)	ND(4.9)	ND(5.9)
cis-1,2-Dichloroethene	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	ND(7.3)	ND(5.5)	ND(5.6)	ND(6.0)	ND(6.5)	ND(4.9)	ND(5.9)
Methylene chloride	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	ND(7.3)	ND(5.5)	ND(5.6)	ND(6.0)	ND(6.5)	ND(4.9)	ND(5.9)
Tetrachloroethene	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	2.4 J	4.1 J	ND(5.6)	0.64 J	ND(6.5)	2.0 J	ND(5.9)
Trichloroethene	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	ND(7.3)	ND(5.5)	ND(5.6)	4.0 J	ND(6.5)	32	ND(5.9)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(11)	ND(17)	ND(11)	ND(11)	ND(15)	ND(11)	ND(11)	ND(12)	ND(13)	ND(9.8)	ND(12)
Vinyl chloride	µg/kg	ND(5.7)	ND(8.5)	ND(5.4)	ND(5.6)	ND(7.3)	ND(5.5)	ND(5.6)	ND(6.0)	ND(6.5)	ND(4.9)	ND(5.9)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-38	SS-39	SS-39	SS-40	SS-40	SS-41	SS-41	SS-42	SS-42	SS-43	SS-43
Sample Name:		**SS-38B**	**SS-39A**	**SS-39B**	**SS-40A**	**SS-40B**	**SS-41A**	**SS-41B**	**SS-42A**	**SS-42B**	**SS-43A**	**SS-43B**
Sample Date:		**05/18/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/19/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**
Depth:		**1.3-1.5 ft BGS**	**0.4-0.5 ft BGS**	**0.7-0.9 ft BGS**	**0.4-0.5 ft BGS**	**0.6-0.8 ft BGS**	**0.5-0.6 ft BGS**	**1.1-1.3 ft BGS**	**0.4-0.6 ft BGS**	**1.1-1.2 ft BGS**	**0.2-0.4 ft BGS**	**0.9-1 ft BGS**
Parameters	**Unit**											
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	ND(5.9)	ND(5.5)	ND(5.8)	ND(5.5)	ND(5.0)	ND(5.3)	2.0 J	15 J
1,1-Dichloroethane	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	ND(5.9)	ND(5.5)	ND(5.8)	ND(5.5)	ND(5.0)	ND(5.3)	ND(6.0)	4.9 J
1,1-Dichloroethene	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	ND(5.9)	ND(5.5)	ND(5.8)	ND(5.5)	ND(5.0)	ND(5.3)	ND(6.0)	1.5 J
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	ND(5.9)	ND(5.5)	ND(5.8)	ND(5.5)	ND(5.0)	ND(5.3)	ND(6.0)	ND(5.4)
Chloroethane	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	ND(5.9)	ND(5.5)	ND(5.8)	ND(5.5)	ND(5.0)	ND(5.3)	ND(6.0)	ND(5.4)
cis-1,2-Dichloroethene	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	ND(5.9)	ND(5.5)	ND(5.8)	ND(5.5)	ND(5.0)	ND(5.3)	ND(6.0)	2.0 J
Methylene chloride	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	ND(5.9)	ND(5.5)	ND(5.8)	ND(5.5)	ND(5.0)	ND(5.3)	ND(6.0)	ND(5.4)
Tetrachloroethene	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	ND(5.9)	ND(5.5)	ND(5.8)	ND(5.5)	ND(5.0)	1.4 J	ND(6.0)	0.87 J
Trichloroethene	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	0.62 J	1.2 J	1.2 J	6.4	3.5 J	7.3	1.7 J	23 J
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(10)	ND(11)	ND(11)	ND(12)	ND(11)	ND(12)	ND(11)	ND(9.9)	ND(11)	ND(12)	ND(11)
Vinyl chloride	µg/kg	ND(5.2)	ND(5.7)	ND(5.5)	ND(5.9)	ND(5.5)	ND(5.8)	ND(5.5)	ND(5.0)	ND(5.3)	ND(6.0)	ND(5.4)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-44	SS-44	SS-45	SS-45	SS-46	SS-46	SS-47	SS-47	SS-48	SS-48
Sample Name:		SS-44A	SS-44B	SS-45A	SS-45B	SS-46A	SS-46B	SS-47A	SS-47B	SS-48A	SS-48B
Sample Date:		05/18/2021	05/18/2021	05/18/2021	05/18/2021	05/18/2021	05/18/2021	05/18/2021	05/18/2021	05/18/2021	05/18/2021
Depth:		0.3-0.4 ft BGS	0.9-1.1 ft BGS	0.4-0.6 ft BGS	1.1-1.2 ft BGS	0.6-0.7 ft BGS	1.2-1.4 ft BGS	0.6-0.7 ft BGS	1.2-1.4 ft BGS	0.6-0.7 ft BGS	1.2-1.4 ft BGS
Parameters	**Unit**										
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg	ND(5.8)	ND(5.3)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.3)	ND(5.1)	ND(5.2)	ND(5.4)	ND(5.1)
1,1-Dichloroethane	µg/kg	ND(5.8)	ND(5.3)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.3)	ND(5.1)	ND(5.2)	ND(5.4)	ND(5.1)
1,1-Dichloroethene	µg/kg	ND(5.8)	ND(5.3)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.3)	ND(5.1)	ND(5.2)	ND(5.4)	ND(5.1)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(5.8)	ND(5.3)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.3)	ND(5.1)	ND(5.2)	ND(5.4)	ND(5.1)
Chloroethane	µg/kg	ND(5.8)	ND(5.3)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.3)	ND(5.1)	ND(5.2)	ND(5.4)	ND(5.1)
cis-1,2-Dichloroethene	µg/kg	ND(5.8)	ND(5.3)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.3)	ND(5.1)	ND(5.2)	ND(5.4)	ND(5.1)
Methylene chloride	µg/kg	ND(5.8)	ND(5.3)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.3)	ND(5.1)	ND(5.2)	ND(5.4)	ND(5.1)
Tetrachloroethene	µg/kg	ND(5.8)	ND(5.3)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.3)	ND(5.1)	0.58 J	ND(5.4)	ND(5.1)
Trichloroethene	µg/kg	1.2 J	0.66 J	0.61 J	1.9 J	ND(5.5)	ND(5.3)	0.94 J	0.91 J	ND(5.4)	ND(5.1)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(12)	ND(11)	ND(11)	ND(11)	ND(11)	ND(11)	ND(10)	ND(10)	ND(11)	ND(10)
Vinyl chloride	µg/kg	ND(5.8)	ND(5.3)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.3)	ND(5.1)	ND(5.2)	ND(5.4)	ND(5.1)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-49	SS-49	SS-50	SS-50	SS-51	SS-51	SS-52	SS-52	SS-53	SS-53	SS-54
Sample Name:		**SS-49A**	**SS-49B**	**SS-50A**	**SS-50B**	**SS-51A**	**SS-51B**	**SS-52A**	**SS-52B**	**SS-53A**	**SS-53B**	**SS-54A**
Sample Date:		**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**
Depth:		**0.5-0.7 ft BGS**	**1.2-1.3 ft BGS**	**0.3-0.5 ft BGS**	**1-1.1 ft BGS**	**0.4-0.6 ft BGS**	**1.1-1.2 ft BGS**	**0.3-0.5 ft BGS**	**1-1.2 ft BGS**	**1-1.2 ft BGS**	**1.7-1.9 ft BGS**	**0.4-0.6 ft BGS**
Parameters	**Unit**											
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg	ND(5.3)	ND(4.8)	ND(6.5)	ND(4.6)	ND(5.4)	ND(5.2)	ND(6.1)	ND(5.5)	1.9 J	ND(8.4)	2.9 J
1,1-Dichloroethane	µg/kg	ND(5.3)	ND(4.8)	ND(6.5)	ND(4.6)	ND(5.4)	ND(5.2)	ND(6.1)	ND(5.5)	ND(9.7)	ND(8.4)	ND(7.5)
1,1-Dichloroethene	µg/kg	ND(5.3)	ND(4.8)	ND(6.5)	ND(4.6)	ND(5.4)	ND(5.2)	ND(6.1)	ND(5.5)	ND(9.7)	ND(8.4)	ND(7.5)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(5.3)	ND(4.8)	ND(6.5)	ND(4.6)	ND(5.4)	ND(5.2)	ND(6.1)	ND(5.5)	ND(9.7)	ND(8.4)	ND(7.5)
Chloroethane	µg/kg	ND(5.3)	ND(4.8)	ND(6.5)	ND(4.6)	ND(5.4)	ND(5.2)	ND(6.1)	ND(5.5)	ND(9.7)	ND(8.4)	ND(7.5)
cis-1,2-Dichloroethene	µg/kg	ND(5.3)	ND(4.8)	ND(6.5)	ND(4.6)	ND(5.4)	ND(5.2)	ND(6.1)	ND(5.5)	ND(9.7)	ND(8.4)	ND(7.5)
Methylene chloride	µg/kg	ND(5.3)	ND(4.8)	ND(6.5)	ND(4.6)	ND(5.4)	ND(5.2)	ND(6.1)	ND(5.5)	4.1 J	ND(8.4)	ND(7.5)
Tetrachloroethene	µg/kg	ND(5.3)	ND(4.8)	ND(6.5)	ND(4.6)	ND(5.4)	ND(5.2)	ND(6.1)	ND(5.5)	R	ND(8.4)	ND(7.5)
Trichloroethene	µg/kg	ND(5.3)	ND(4.8)	15	ND(4.6)	2.5 J	0.72 J	ND(6.1)	ND(5.5)	3.2 J	ND(8.4)	26
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(11)	ND(9.7)	ND(13)	ND(9.2)	ND(11)	ND(10)	ND(12)	ND(11)	ND(19)	ND(17)	ND(15)
Vinyl chloride	µg/kg	ND(5.3)	ND(4.8)	ND(6.5)	ND(4.6)	ND(5.4)	ND(5.2)	ND(6.1)	ND(5.5)	ND(9.7)	ND(8.4)	ND(7.5)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-54	SS-55	SS-55	SS-56	SS-56	SS-57	SS-57	SS-58	SS-58	SS-59	SS-59
Sample Name:		**SS-54B**	**SS-55A**	**SS-55B**	**SS-56A**	**SS-56B**	**SS-57A**	**SS-57B**	**SS-58A**	**SS-58B**	**SS-59A**	**SS-59B**
Sample Date:		**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**
Depth:		**1.1-1.2 ft BGS**	**0.3-0.5 ft BGS**	**1-1.2 ft BGS**	**0.2-0.3 ft BGS**	**0.8-1 ft BGS**	**0.3-0.5 ft BGS**	**1-1.1 ft BGS**	**0.3-0.5 ft BGS**	**1-1.1 ft BGS**	**0.7-0.9 ft BGS**	**1.4-1.5 ft BGS**
Parameters	**Unit**											
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg	11	2.5 J	31	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)
1,1-Dichloroethane	µg/kg	ND(9.2)	0.59 J	1.1 J	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)
1,1-Dichloroethene	µg/kg	ND(9.2)	ND(5.3)	ND(6.7)	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(9.2)	ND(5.3)	ND(6.7)	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)
Chloroethane	µg/kg	ND(9.2)	ND(5.3)	ND(6.7)	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)
cis-1,2-Dichloroethene	µg/kg	ND(9.2)	ND(5.3)	ND(6.7)	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)
Methylene chloride	µg/kg	ND(9.2)	ND(5.3)	ND(6.7)	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)
Tetrachloroethene	µg/kg	ND(9.2) J	ND(5.3)	ND(6.7)	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)
Trichloroethene	µg/kg	52	5.4	11	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(18)	ND(11)	ND(13)	ND(12)	ND(10)	ND(12)	ND(12)	ND(13)	ND(11)	ND(11)	ND(10)
Vinyl chloride	µg/kg	ND(9.2)	ND(5.3)	ND(6.7)	ND(5.8)	ND(5.2)	ND(6.0)	ND(6.0)	ND(6.6)	ND(5.7)	ND(5.4)	ND(5.0)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		SS-60	SS-60	SS-61	SS-61	SS-62	SS-62	SS-63	SS-63	SS-64	SS-64	SS-65
Sample Name:		**SS-60A**	**SS-60B**	**SS-61A**	**SS-61B**	**SS-62A**	**SS-62B**	**SS-63A**	**SS-63B**	**SS-64A**	**SS-64B**	**SS-65A**
Sample Date:		**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/18/2021**
Depth:		**0.5-0.7 ft BGS**	**1.2-1.3 ft BGS**	**1-1.2 ft BGS**	**1.3-1.4 ft BGS**	**0.3-0.5 ft BGS**	**1-1.1 ft BGS**	**0.9-1.1 ft BGS**	**1.6-1.7 ft BGS**	**0.4-0.5 ft BGS**	**1-1.2 ft BGS**	**0.3-0.4 ft BGS**
Parameters	**Unit**											
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg	ND(6.8)	ND(320)	ND(5.0)	ND(240)	ND(7.3)	ND(5.4)	ND(6.9)	ND(4.9)	ND(5.4)	ND(5.4)	ND(5.6)
1,1-Dichloroethane	µg/kg	ND(6.8)	ND(320)	ND(5.0)	ND(240)	ND(7.3)	1.4 J	ND(6.9)	ND(4.9)	ND(5.4)	ND(5.4)	ND(5.6)
1,1-Dichloroethene	µg/kg	ND(6.8)	ND(320)	ND(5.0)	ND(240)	ND(7.3)	ND(5.4)	ND(6.9)	ND(4.9)	ND(5.4)	ND(5.4)	ND(5.6)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(6.8)	ND(320)	ND(5.0)	ND(240)	ND(7.3)	ND(5.4)	ND(6.9)	ND(4.9)	ND(5.4)	ND(5.4)	ND(5.6)
Chloroethane	µg/kg	ND(6.8)	ND(320)	ND(5.0)	ND(240)	ND(7.3)	ND(5.4)	ND(6.9)	ND(4.9)	ND(5.4)	ND(5.4)	ND(5.6)
cis-1,2-Dichloroethene	µg/kg	ND(6.8)	ND(320)	ND(5.0)	ND(240)	ND(7.3)	ND(5.4)	ND(6.9)	ND(4.9)	ND(5.4)	ND(5.4)	ND(5.6)
Methylene chloride	µg/kg	ND(6.8)	ND(320)	ND(5.0)	ND(240)	ND(7.3)	ND(5.4)	ND(6.9)	ND(4.9)	ND(5.4)	ND(5.4)	ND(5.6)
Tetrachloroethene	µg/kg	ND(6.8)	ND(320)	ND(5.0)	ND(240)	ND(7.3)	ND(5.4)	ND(6.9)	ND(4.9)	ND(5.4)	ND(5.4)	ND(5.6)
Trichloroethene	µg/kg	ND(6.8)	ND(320)	ND(5.0)	ND(240)	8.6	2.9 J	1.3 J	0.54 J	ND(5.4)	ND(5.4)	ND(5.6)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(14)	ND(630)	ND(9.9)	ND(490)	ND(15)	ND(11)	ND(14)	ND(9.9)	ND(11)	ND(11)	ND(11)
Vinyl chloride	µg/kg	ND(6.8)	ND(320) J	ND(5.0)	ND(240) J	ND(7.3)	ND(5.4)	ND(6.9)	ND(4.9)	ND(5.4)	ND(5.4)	ND(5.6)

Table 2

Sample Analytical Results Summary
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Location ID:		**SS-65**	**SS-66**	**SS-66**	**SS-67**	**SS-67**
Sample Name:		**SS-65B**	**SS-66A**	**SS-66B**	**SS-67A**	**SS-67B**
Sample Date:		**05/18/2021**	**05/18/2021**	**05/18/2021**	**05/17/2021**	**05/17/2021**
Depth:		**0.9-1.1 ft BGS**	**0.4-0.6 ft BGS**	**1.1-1.2 ft BGS**	**0.4-0.6 ft BGS**	**1.1-1.3 ft BGS**
Parameters	**Unit**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	ND(4.7)
1,1-Dichloroethane	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	ND(4.7)
1,1-Dichloroethene	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	ND(4.7)
1,2-Dichloro-1,1,2-trifluoroethane	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	ND(4.7)
Chloroethane	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	ND(4.7)
cis-1,2-Dichloroethene	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	ND(4.7)
Methylene chloride	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	4.4 J
Tetrachloroethene	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	ND(4.7)
Trichloroethene	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	ND(4.7)
Trifluorotrichloroethane (CFC-113)	µg/kg	ND(10)	ND(12)	ND(11)	ND(11)	ND(9.4)
Vinyl chloride	µg/kg	ND(5.0)	ND(6.0)	ND(5.4)	ND(5.7)	ND(4.7)

Table 3

Analytical Methods
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Parameter	Method	Matrix	Preservation	Holding Time Collection to Analysis (Days)
Volatile Organic Compounds (VOCs)	SW-846 8260B	Soil	Iced, 0-6° C	14

Notes:

Method References:
SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Table 4

Qualified Sample Results Due to Outlying Continuing Calibration Results
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	%D	Associated Sample ID	Qualified Result	Units
VOCs	Vinyl Chloride	5/25/2021	-23.8	SS-60B	320 UJ	ug/kg
				SS-61B	240 UJ	ug/kg

Notes:

VOCs - Volatile Organic Compounds
%D - Percent difference
UJ - Not detected; associated reporting limit is estimated

Table 5

Qualified Sample Results Due to Outlying Internal Standard (IS) Recoveries
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Parameter	Sample ID	Internal Standard	IS Area Count (percent)	Control Limits (percent)	Analytes	Qualified Results	Units
VOCs	SS-53A	1,4-Dichlorobenzene-d4	18	50-200	Tetrachloroethane	R	
VOCs	SS-54B	1,4-Dichlorobenzene-d4	24	50-200	Tetrachloroethane	9.2 UJ	ug/kg
VOCs	SS-32B	1,4-Dichlorobenzene-d4	10	50-200	Tetrachloroethane	R	

Notes:

VOCs - Volatile Organic Compounds
UJ - Not detected; associated reporting limit is estimated
R - Rejected

Table 6

Qualified Sample Data Due to Outlying Matrix Spike Recoveries
Soil Sampling
IBM-Endicott
Endicott, New York
May 2021

Parameter	Spiked Sample ID	Analyte	MS % Recovery	Control Limits % Recovery	Associated Sample IDs	Qualified Result	Units
VOCs	SS-43B	1,1,1-Trichloroethane	58	69-123	SS-43B	15 J	ug/kg
		Trichloroethene	121	80-120		23 J	ug/kg

Notes:

VOCs - Volatile Organic Compounds
MS - Matrix Spike
J - Estimated concentration