

**DES Waste Management Division
29 Hazen Drive; PO Box 95
Concord, NH 03302-0095**

**PHASE II ENVIRONMENTAL SITE ASSESSMENT AND
UNDERGROUND STORAGE TANK
CLOSURE ASSESSMENT REPORT (181.05022.011)**

J&Gs Service Property
7 Back Ashuelot Road
Winchester, New Hampshire

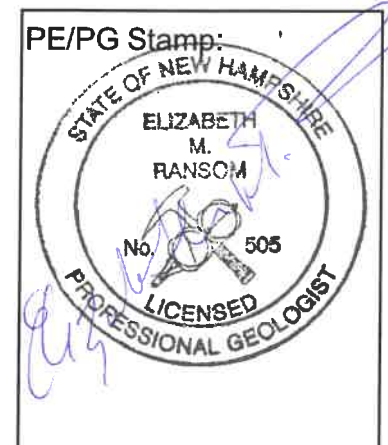
**NH DES Site #: 199411023
Project Type: UST
Project Number: 0110712**

Prepared For:

The Town of Winchester
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Winchester, New Hampshire 03470
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February 28, 2023



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February 28, 2023

Project 181.05022.011

Mr. John Pasquale, P.G.
New Hampshire Department of Environmental Services
MtBE Remediation Bureau
29 Hazen Drive
Concord, New Hampshire 03302

Re: Phase II Environmental Site Assessment and Underground Storage Tank System Closure
Assessment Rev. 1
J&Gs Service Property (UST Facility ID #0110712)
7 Back Ashuelot Road
Winchester, New Hampshire

Dear Mr. Pasquale:

This Phase II Environmental Site Assessment and Underground Storage Tank (UST) Systems Closure Assessment, performed as required under Env-Or 400 for the regulated UST systems, was conducted for the above-referenced facility. The work was completed for the New Hampshire Department of Environmental Services (NH DES) methyl tertiary-butyl ether (MtBE) Remediation Bureau and the NH DES Brownfields Program on behalf of the facility owner, the Town of Winchester, as authorized in our signed Work Scope Authorization dated December 12, 2022.

Please note that for purposes of this report, Elizabeth M. Ransom, P.G. was the Program Manager and Principal-in-Charge for Ransom.

If you have any questions, or if we can be of further assistance, please call.

Sincerely,

A handwritten signature in black ink, appearing to read "John M. Ouellette".

John M. Ouellette
Senior Project Manager

Elizabeth M. Ransom, P.G.
Principal/Vice President/Program Manager/Principal-in-Charge

A handwritten signature in black ink, appearing to read "Elizabeth M. Ransom".

Nicholas O. Sabatine, P.G.
Senior Geologist/QA/QC Officer/Principal/Vice President

JMO/EMR/NOS:jar

cc: Ms. Karey Miner, Town of Winchester
Ms. Melinda S. Bubier, Brownfields Program, HWRBC, NH DES

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1.0 INTRODUCTION

On December 19 through 23 and December 27 and 28, 2022, a representative of Ransom Consulting, LLC (Ransom) was present at the J&Gs Service Property, located at 7 Back Ashuelot Road in Winchester, New Hampshire (the “Site”), to observe the removal of three registered underground storage tank (UST) systems (two gasoline USTs and one diesel UST) and document soil and groundwater (if present) conditions beneath the removed USTs. The UST systems were removed as part of the closure of the J&Gs Service facility. The work was completed under the New Hampshire Department of Environmental Services (NH DES) methyl-tert-butyl ether (MtBE) fund and the NH DES Brownfields Program, on behalf of the property owner, The Town of Winchester. This closure assessment was prepared as required under Env-Or 400 Underground Storage Facilities. An UST Closure Notification Form was submitted to the NH DES on December 15, 2022 (Appendix A).

1.1 Key Information

Facility Name:	J&Gs Service Property
Facility Owner:	Town of Winchester 1 Richmond Road Winchester, New Hampshire 03470
Property Contact:	Ms. Karey Miner, Town Administrator (603) 239-4951 kminer@winchester.nh.gov
Facility Registration Number:	0110712
NH DES Site Number:	199411023
Closure Assessment Date:	December 19 through 23 and December 27 & 28, 2022
Ransom Representatives:	Ms. Bonnie A. Best
NH DES Representative:	Mr. John Pasquale, P.G.
Tank Removal Contractor:	Green Site Services
Tank Cleaning Contractor:	Green Site Services
ICC-Certified Removal Contractor:	Lance Zerbinopoulos (ICC License #10256806)

1.2 Purpose

The purpose of the Phase II Environmental Site Assessment (ESA) and UST Closure Assessment (USTCA) was to provide documentation of the closure (removal) of the three registered UST systems from the Site and document soil and groundwater (if present) conditions beneath the removed USTs.

1.3 Work Scope

The scope of work for this Phase II ESA and USTCA included the following:

1. Observing the removal of the inactive UST systems, two gasoline USTs and one diesel UST, from the Site;
2. Field-screening of soils from the UST excavations, from beneath the product piping from the USTs to the dispensers and from beneath the dispensers, for the presence of photoionizable compounds (PICs);

3. Collecting soil samples from the sidewalls and base of the UST excavations, piping trenches and dispensers, and analyzing the soil samples for the presence of volatile organic compounds (VOCs) by United States Environmental Protection Agency (U.S. EPA) Method 8260C, total petroleum hydrocarbons-gasoline range organics (TPH-GRO) by U.S. EPA Method 8015-GRO, TPH - diesel range organics (DRO) by U.S. EPA Method 8015-DRO, and/or polyaromatic hydrocarbons (PAHs) by U.S. EPA Method 8270; and
4. Preparing a report including field screening and laboratory analytical results and visual observations; including photographs, a site map, and recommendations.

The UST systems were evacuated, cleaned, rendered inert, and removed by equipment and personnel of Green Site Services. The USTs were removed from the property for recycling at Scrap It of Marlborough, New Hampshire. Concrete waste generated during the removal of the UST systems was transported from the Site for appropriate offsite disposal/recycling; waste asphalt generated remains on the Site and will be disposed of by the Town of Winchester. Disposal documentation for the liquids removed from the USTs, and a single drum containing sludge and fuel-impacted cleaning sorbents/materials removed from the diesel UST, are included as Appendix B.

This Phase II ESA and USTCA is subject to the limitations stated in Section 7.0, Limitations.

1.4 Project Background

The Site is identified by the Town of Winchester Assessor's Office as Lot 22-1 on Tax Map 5 and includes a 1.30-acre parcel improved with a three-bay automobile service garage and gasoline/diesel filling station (the "Site building"). Active use as a gasoline/diesel fuel filling station, automobile repair facility, and a salvage/junk yard was discontinued circa 2017. Although active petroleum sales have been discontinued for several years, two gasoline USTs, one diesel UST, and associated dispensers and pump islands remained on the Subject Property. As noted in NH DES records, an additional seven USTs have historically been removed from the Site.

On September 28, 2022, the Town of Winchester acquired the Subject Property due to unpaid property taxes. As such, the Town of Winchester requested and was granted support through funds available to the NH DES Brownfield Program and the NH DES MtBE Fund for this Phase II ESA and USCTA, and to assist with additional assessment of the Site.

According to the NH DES UST Tank Information, the closed tanks that are the subject of this closure assessment are registered as follows:

1. UST #8 – 6,000-gallon diesel (installed in 1994);
2. UST #9 – 8,000-gallon regular gasoline (installed in 1994); and
3. UST #10 – 5,000-gallon premium gasoline (installed in 1994).

The UST systems are registered to the current Site owner; funding through the NH DES MtBE Fund and the NH DES Brownfields Program was obtained for the pending UST removal.

2.0 OBSERVATIONS

On December 19 through 23 and December 27 and 28, 2022, a representative of Ransom observed the closure (removal) of the previously referenced UST systems from the Site. The gasoline USTs were located beneath a concrete pad southeast of the Site building service bays. Two gasoline dispensers were located beneath a canopy south of the Site building. The diesel UST was located beneath a concrete pad south-southwest of the Site building and west of the gasoline dispensers and associated canopy. A single diesel dispenser was located immediately northwest of the diesel UST; additionally, a single kerosene dispenser remained on the Site adjacent to the diesel dispenser. The kerosene UST was historically located immediately south of the diesel UST and had been removed from the Site in 2013.

Photographic documentation is provided as Appendix C. Field and analytical methodologies are provided in Appendix D and Appendix E, respectively. A Site Location Map is included as Figure 1, a Site Plan is included as Figure 2, and a USTCA Detail Plan is included as Figure 3.

2.1 Tank System Observations

The two gasoline USTs, a 8,000-gallon regular gasoline UST (UST #9) and the 5,000-gallon premium gasoline UST (UST #10), were constructed of corrosion protected single-walled steel with a composite (fiberglass) secondary containment. The 6,000-gallon diesel UST (UST #8) was constructed of corrosion protected double-walled steel. The tops of the USTs were encountered approximately 3.5 to 4 feet below the ground surface (bgs). The gasoline USTs (UST #9 and UST #10) were located parallel to each other beneath a concrete pad approximately 25 feet east-southeast of the Site building. The diesel UST (UST #8) was located beneath a concrete pad approximately 45 feet south-southwest of the southern corner of the Site building. The residual product present in each of the UST systems was pumped out by personnel and equipment of Green Site Services. Prior to removal, the tanks were vented with compressed air, rendered inert via dry ice (gasoline USTs), and subsequently cleaned for off-site disposal.

The removed USTs appeared to be in good condition, with no holes or significant corrosion observed. Ransom collected soil samples from the UST excavation for field screening for the presence of PICs using a MiniRAE 2000 photoionization detector (PID). The PID was calibrated onsite utilizing 100 parts per million by volume (ppmv) isobutylene; and subsequently corrected to benzene, a factor of 0.53 for this instrument.

Product lines associated with all three UST systems were observed to be fiberglass piping sheathed within fiberglass protective piping. The sumps associated with all three USTs were noted to be full of water before pumping and removal. Product lines were removed after remaining product in the lines was drained. No indications of a release, between the piping or otherwise, was visually noted in the piping run associated with the gasoline and diesel USTs; however, visual evidence of a limited release (staining) was noted in shallow soils beneath the diesel dispenser.

Two gasoline fuel dispensers were located on individual concrete pump islands beneath a canopy south of the Site building. A single diesel dispenser, and a single kerosene dispenser (associated with a previously removed UST), were located on a single concrete pump island south-southwest of the Site building and immediately west of the diesel UST. All four dispensers were vacuumed free of remaining product and removed by Green Site Services, prior to removal of the concrete pump islands.

After removal of fifty-four fluorescent bulbs from the perimeter of the top of the canopy and eight mercury bulbs located over the dispensers (which were moved to the Site building for subsequent disposal), the canopy was dismantled and removed by Green Site Services.

2.2 Excavation Observations

Two separate UST excavation areas are associated with this Phase II ESA and USTCA report. An excavation associated with the two gasoline USTs (UST #9 and UST #10) and an excavation associated with the diesel UST (UST #8). The locations of the UST removed as part of this Phase II ESA and USTCA, along with other Site features, are detailed on Figure 2.

Soil observed surrounding the USTs generally consisted of light brown to gray-brown, fine sands, with trace amounts of silt. With the exception of a small area of staining immediately beneath the dispenser associated with the diesel UST (UST #8), obviously stained soils were not observed surrounding the UST systems prior to removal; nor in soils beneath the USTs and associated piping/dispensers upon removal.

However, field screening of soils beneath the mid and southwesterly end of gasoline UST #9 exhibited elevated PICs, with abutting sidewalls also showing elevated PICs to a lesser extent. Although elevated PICs were detected, no indications of a release from UST #9 was noted. All three USTs removed were observed to be in good condition and no elevated PICs were detected in other areas of the UST excavations, piping runs, or beneath dispenser islands.

Field screening results are further detailed in Section 3.0 and laboratory results of the soil samples submitted for analysis are detailed in Section 4.0.

Sheathed product piping from the USTs to the dispenser islands was observed to be laid in pea stone and fine sandy soils similar to those associated with the UST bed. Stained soils were not observed in the vicinity of the piping runs; however, a limited area of stained soils was noted immediately beneath the diesel dispenser.

No groundwater was encountered during the removal of the UST systems, which reached a depth of approximately 12 feet bgs. Additional excavation to approximately 15 feet below grade was conducted in the gasoline UST grave in an attempt to encounter and sample groundwater; however, no groundwater encountered.

Mr. John Pasquale, P.G. and Ms. Melinda Bubier of the NH DES visited the Site on December 21, 2022, and observed the excavation associated with the gasoline USTs. Mr. Pasquale returned to the Site on December 27, 2022, and observed the excavation associated with the diesel UST. Mr. Pasquale and Ms. Bubier agreed with Ransom's sampling approach based upon observed Site conditions and field screening results.

2.2.1 Gasoline Underground Storage Tank Excavations

UST #9

Three discrete soil samples were collected from contiguous excavation sidewalls associated with gasoline UST #9 that exhibited elevated PICs; including one from the southerly portion of the UST bed, designated as "UST9-SW2B-9"; one from the southwest end of the UST bed, designated as "UST9-SW3-9"; and one from the west-southwest corner of the UST bed,

designated as “UST9-SW3/4-9”. One composite soil sample (consisting of three discrete soil samples) was collected from the contiguous excavation sidewalls associated with UST #9 that did not exhibit significantly elevated PICs, designated as “UST 9-SW-COMP”. Three discrete soil samples were collected from the base of the UST #9 excavation; including two that exhibited significantly elevated PICs, one from the southwest end of the excavation, designated as “UST 9-B-12”, one from the central portion of the UST excavation, designated as “UST 9-B-12”. The third discrete base soil sample did not exhibit significantly elevated PICs and was collected from the northeast end of the excavation associated with UST #9.

UST #10

One composite soil sample (consisting of four discrete soil samples) was collected from the excavation sidewalls associated with the removal of gasoline UST #10, designated as “UST10-SW-COMP”. One discrete soil sample was collected from the base of the excavation associated with UST #10, designated as “UST10-B-COMP”.

The soil samples were submitted for laboratory analyses for the presence of VOCs by U.S. EPA Method 8260C and TPH-GRO by U.S. EPA Method 8015B-GRO.

2.2.2 Gasoline Product Piping and Dispensers Excavation

Two composite soil samples (each consisting of six discrete soil samples) were collected from the base of the gasoline piping trenches associated with each of the gasoline USTs and designated as “UST9-PP-COMP” and “UST10-PP-COMP”. One composite soil sample (consisting of two discrete soil samples) was collected from beneath the two gasoline dispensers and designated “G-DISP-COMP”. In addition, one composite soil sample (consisting of three discrete soil samples) was collected from the base of the gasoline vent piping trench associated with the two gasoline USTs and designated “G-VENT-COMP”.

The soil samples were submitted for laboratory analysis for the presence of VOCs by U.S. EPA Method 8260C and TPH-GRO by U.S. EPA Method 8015-GRO.

2.2.3 Diesel Underground Storage Tank Excavation

Two composite soil samples were collected from the diesel UST excavation (UST #8); including a composite sidewall sample and a composite base sample. The composite sidewall soil sample (consisting of four discrete sub samples) was designated “UST8-SW-COMP” and the composite base soil sample (consisting of two discrete sub samples) was designated “UST8-B-COMP”.

The soil samples were submitted for laboratory analysis for the presence of VOCs by U.S. EPA Method 8260C, TPH-DRO by U.S. EPA Method 8015C-DRO, and PAHs by U.S. EPA Method 8270D.

2.2.4 Diesel Product Piping and Dispenser Excavation

One composite sample (consisting of two discrete soil samples) was collected from the base of the diesel piping trench and designated “UST8-PP-COMP”. One discrete soil sample was collected from beneath the diesel dispenser and designated “D-DISP-3”. In addition, one discrete

soil sample was collected from beneath the kerosene dispenser which remained onsite, and designated “K-DISP-2”.

The soil samples were submitted for laboratory analysis for the presence of VOCs by U.S. EPA Method 8260C, TPH-DRO by U.S. EPA Method 8015C-DRO, and PAHs by U.S. EPA Method 8270D.

3.0 FIELD SCREENING RESULTS

The results of the soil field screening for the presence of photoionizable compounds are documented below. Field screening methodology is summarized in Appendix D.

3.1 Photoionizable Compounds

3.1.1 Gasoline Underground Storage Tank Bed

The soil from sidewalls and base locations for the gasoline USTs (UST #9 and UST #10) were field screened during and immediately following removal of the gasoline UST systems. Soil samples were obtained from sidewalls at depths ranging from 7 to 9 feet bgs; base soil samples were collected from depths of approximately 11.5 to 12 feet bgs.

Soil was field screened with a PID for indication of elevated PICs; endpoint PICs were detected in the gasoline UST #9 excavation at concentrations ranging from below background concentrations (less than 1 ppmv) to a concentration of 360 ppmv in the soil samples screened from the excavation sidewalls, and at concentrations ranging from 4 ppmv to 1,058 ppmv in the soil from the base of the gasoline UST systems. All significantly elevated PICs were detected in the mid to southwest extent of the excavation associated with UST #9.

Gasoline UST #10 was shorter than UST #9 and located immediately southeast of UST #9. Endpoint PICs were detected in the gasoline UST #10 excavation at concentrations ranging from below background concentrations (less than 1 ppmv) to a concentration of 8 ppmv in the soil samples screened from the excavation sidewalls, and at concentrations less than 1 ppmv in the soil from the base of the gasoline UST #10 system. No significantly elevated PICs were detected in the excavation associated with UST #10.

No soil was removed for off-site disposal in relation to the removed gasoline USTs.

3.1.2 Gasoline Piping

Soil beneath the product piping was screened at intervals of no less than 10 feet and at all piping joints/fittings. PICs detected ranged from < 1 ppmv to 2 ppmv. In addition, soil beneath the vent piping associated with the gasoline UST systems was field screened at intervals of no less than 10 feet and at all piping joints/fittings; no elevated PICs above background (< 1 ppmv) were detected. No soil was removed for off-site disposal in relation to the removed gasoline product piping and vent piping.

3.1.3 Gasoline Dispensers

The two gasoline dispensers, and the canopy, were removed by Green Site Services personnel. Soils beneath the two dispensers were field screened, with no elevated PICs above background (< 1 ppmv) detected. No soil was removed for off-site disposal in relation to the removed gasoline dispensers.

3.1.4 Diesel Underground Storage Tank Bed

The soil from sidewalls and base locations for the diesel UST (UST #8) were field screened during and immediately following removal of the diesel UST system. Soil samples were obtained

from sidewalls at depths ranging from 7 to 9 feet bgs; base soil samples were collected from depths of approximately 12 feet bgs.

Soil was field screened with a PID for indication of elevated PICs; PICs detected were all at background concentrations (< 1 ppmv) in soils field screened from the base and sidewalls of the diesel UST #8 excavation. No soil was removed for off-site disposal in relation to the removed diesel UST.

3.1.5 Diesel Piping

Soil beneath the diesel piping was screened at intervals of no less than 10 feet and at all piping joints/fittings. PICs detected ranged from < 1 ppmv to 2 ppmv. No soil was removed for off-site disposal from the diesel piping runs.

3.1.6 Diesel Dispenser

The diesel fuel dispenser and concrete pump island were removed by Green Site Services personnel. Slightly elevated PICs and an area of stained soils immediately beneath the diesel dispenser were detected; with detected PICs ranging from < 1 ppmv to 7 ppmv. No soil was removed for off-site disposal in association with the diesel dispenser.

3.1.7 Kerosene Dispenser

The dispenser associated with a previously removed kerosene UST system (UST #7, removed in 2013) remained onsite on the same concrete pump island and adjacent to the diesel dispenser associated with UST #8. The kerosene fuel dispenser and concrete pump island were removed by Green Site Services personnel. Neither elevated PICs were detected, nor stained soils were observed, in soils immediately beneath the kerosene dispenser; with PICs not detected above background (< 1 ppmv). No soil was removed for off-site disposal in association with the kerosene dispenser. Kerosene piping runs were not encountered, and were likely removed during the kerosene UST removal, conducted in 2013 by others.

4.0 LABORATORY ANALYTICAL RESULTS

Analytical results received from the laboratory with a complete listing of the compounds for which the soil samples were analyzed for, specific detection limits, the chain-of-custody documentation, and a description of the analytical methods are included in Appendix E. The results of the soil laboratory analyses are documented below and are summarized in Table 1. The laboratory reports are provided in Appendix E.

4.1 Soil Laboratory Analyses

4.1.1 Volatile Organic Compounds

Gasoline UST Systems (UST #9 and UST #10)

UST #9 Base Samples - Benzene, total xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and naphthalene were detected at concentrations above the applicable NH DES Soil Remediation Standards (SRSs) in two of the three discrete base soil samples collected from the UST grave associated with the 8,000-gallon gasoline UST (UST #9) and submitted for laboratory analyses; including sample “UST9-B1-12” collected from the southwest end of the excavation and sample “UST9-B2-12” collected from the central portion of the excavation. Several additional VOCs were detected in these two discrete soil samples collected from the base of the UST #9 excavation; however, detected concentrations did not exceed the applicable SRSs. Only two VOCs (total xylenes and 1,3,5-trimethylbenzene) were detected above laboratory detection limits in the remaining discrete soil sample collected from the northeasterly base of the excavation associated with UST #9; however, the detected concentrations did not exceed the applicable SRSs.

UST #9 Sidewall Samples - Several VOCs were detected at concentrations below applicable SRSs in the three discrete sidewall soil samples submitted for laboratory analyses; including soil sample “UST9-SW2B-9” collected from the southerly sidewall of the UST bed; “UST9-SW3-9” collected from the southwest end of the UST bed; and “UST9-SW3/4-9” collected from the west-southwest corner of the UST bed. No VOCs were detected above laboratory detection limits in the composite soil sample “UST9-SW-COMP” collected from the remaining sidewalls of the UST #9 excavation.

UST #10 Base and Sidewall Samples - No VOCs were detected above laboratory detection limits in soil sample “UST10-B-12” collected from the base of the UST #10 excavation. Only two VOCs (total xylenes and 1,3,5-trimethylbenzene) were detected above laboratory detection limits in composite soil sample “UST10-SW-COMP”, collected from the sidewalls of the excavation associated with UST #10. However, the detected concentrations did not exceed the applicable SRSs.

Piping and Dispensers Piping Samples - No VOCs were detected above laboratory detection limits in the soil samples collected from beneath the gasoline product piping (“UST9-PP-COMP and UST10-PP-COMP”), the gasoline dispensers (“G-DISP-COMP”) and the vent piping associated with gasoline UST systems (“G-VENT-COMP”).

Diesel UST System (UST #8)

UST #8 Base and Sidewall Samples - No VOCs were detected above laboratory detection limits in soil sample “UST8-B-COMP” collected from the base of the UST #8 excavation, or “UST8-SW-COMP” collected from the sidewalls of the excavation.

Piping and Dispensers Samples - No VOCs were detected above laboratory detection limits in the soil samples collected from beneath the diesel product piping (“UST8-PP-COMP”), the diesel dispenser (“D-DISP-3”), and the kerosene dispenser (“K-DISP-2”).

4.1.2 Total Petroleum Hydrocarbons-Gasoline Range Organics

TPH-GRO was detected in two of the discrete soil samples (“UST9-B1-12” and “UST9-B2-12”) collected from base of the UST #9 bed, and the three discrete soil samples (“UST9-SW2B-9”, “UST9-SW3-9” and “UST9-SW3/4-9”) collected from the sidewalls of the UST #9 excavation. However, all concentrations were below the SRS established by the NH DES for TPH-GRO of 10,000 milligrams per kilogram (mg/kg).

No TPH-GRO was detected above laboratory detection limits in the remaining soil samples submitted for laboratory analysis. These include the composite and/or discrete soil samples collected from the sidewalls and base of the gasoline UST excavations, the gasoline piping run, the dispensers, and the vent piping run associated with the gasoline UST systems.

4.1.3 Total Petroleum Hydrocarbons-Diesel Range Organics

TPH-DRO was detected in the composite soil sample collected from the diesel piping run (“UST8-PP-COMP”) and the discrete soil sample collected from beneath the diesel dispenser (“UST8-DISP-3”); however, at concentrations below the SRS established by the NH DES for TPH-DRO of 10,000 mg/kg.

TPH-DRO was not detected above laboratory detection limits in composite soil samples collected from the base (“UST8-B-COMP”) and sidewalls (“UST8-SW-COMP”) of the excavation associated with the diesel UST, or from the discrete soil sample (“K-DISP-2”) collected from beneath the kerosene dispenser.

4.1.4 Polynuclear Aromatic Hydrocarbons

Several PAHs were detected in the composite soil sample collected from the diesel piping run (“UST8-PP-COMP”) and the discrete soil sample collected from beneath the diesel dispenser (“UST8-DISP-3”); however, at concentrations below the applicable SRSs established by the NH DES.

No PAHs were detected above laboratory detection limits in the remaining soil samples collected in association with the diesel UST system; including composite soil samples collected from the base (“UST8-B-COMP”) and sidewalls (“UST8-SW-COMP”) of the excavation associated with the diesel UST, or from the discrete soil sample (“K-DISP-2”) collected from beneath the kerosene dispenser.

5.0 QUALITY ANALYSIS/QUALITY CONTROL

The contracted laboratory, Alpha, provided Level II analytical data according to U.S. EPA protocols and U.S. EPA laboratory data validation guidance as required by Ransom's Site-Specific Quality Assurance Project Plan (SSQAPP) for Tier I Plus data review. Alpha provided the following information in analytical reports:

1. Data results sheets;
2. Method blank results;
3. Surrogate recoveries and acceptance limits;
4. Duplicate results/acceptance limits;
5. Spike/duplicate results/acceptance limits;
6. Laboratory control sample results;
7. Description of analytical methods and results; and
8. Other pertinent results/limits as deemed appropriate.

As outlined in the SSQAPP, at the completion of the field tasks and subsequent to receipt of the analytical results, a data usability analysis was conducted to document the precision, bias, accuracy, representativeness, comparability, and completeness of the results. The following sections present this analysis. A summary of duplicate sample analytical results is included in Table 2.

5.1 Precision

Precision measures the reproducibility of measurements. The precision measurement is established using the relative percent difference (RPD) between the duplicate sample results. Relative percent differences were calculated for samples where both sample and duplicate values were greater than five times the Practical Quantitation Limit (PQL) of the analyte. The RPD is calculated as follows:

$$\text{RPD} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Mean of the Two Results}} \times 100$$

Precision of the sampling and analytical results is considered acceptable if the RPDs are less than or equal to 50% for soil samples.

Duplicate soil samples were collected from beneath the gasoline dispensers (designated "DUP1") and analyzed for TPH-GRO; and from beneath the diesel dispenser (designated "DUP-3") and analyzed for VOCs, TPH-DRO and PAHs. Duplicate soil samples are detailed in Table 2.

G-DISP-COMP / DUP-1

TPH-GRO was not detected; therefore, a RPD could not be calculated for this soil sample pair.

D-DISP-3 / DUP-3

Two VOCs were detected; however, the detected VOC concentrations did not exceed 5x the PQL; therefore, VOC RPDs could not be calculated for this soil sample pair.

Two PAHs were detected at concentrations greater than 5 times the PQL for the analytes. The RPDs for the detected PAHs were 13.33% and 26.23%; therefore, the precision of these sample results is acceptable because the RPDs are below the 50% limit for soil duplicates. One additional PAH was detected; however, the detected concentration did not exceed 5x the PQL and therefore, the RPD for this PAH was not calculated.

TPH-DRO was detected at concentrations greater than 5 times the PQL for the analyte. The RPDs for the detected TPH-DRO was 19.08%; therefore, the precision of these sample results is acceptable because the RPD is below the 50% limit for soil duplicates.

5.2 Bias

Bias is the systematic or persistent distortion of a measurement process that causes errors in one direction. Bias assessments are made using personnel, equipment, and spiking materials or reference materials as independent as possible from those used in the calibration of the measurement system. Bias assessments were based on the analysis of spiked samples so that the effect of the matrix on recovery is incorporated into the assessment. A documented spiking protocol and consistency in following that protocol are important to obtaining meaningful data quality estimates.

Matrix spike and matrix spike duplicate samples (MS/MSD) were used to assess bias as prescribed in the specified methods. Unless specified in the notes below for each analytic method and media, acceptable recovery values were within the recoveries specified by each of the analysis methods. Laboratory control samples for assessing bias were analyzed at a rate as specified in the analytical SOPs and specified analytical methods.

The lab provides quality control non-conformance reports that indicate if Laboratory Control Samples/Laboratory Control Sample Duplicates (LCS/LCSD) and/or MS/MSD had low, failing, or high recoveries and if the sample result was affected. Likewise, the lab reports any compounds that had failing RPDs in the LCS/LCSD pair or the MS/MSD pair. This indicates the percent difference between the lab sample and its duplicate or the spike and its duplicate. The laboratory did not report any control non-conformance issues relative to the LCS/LCSD and/or MS/MSD.

Method blanks are run by the laboratory to assess contamination resulting from the complete preparation and analytical procedure. Trip blanks can assess for aggregate contamination associated with sources associated with transportation and handling, as well as the complete preparation and analytical procedure.

5.3 Accuracy

Accuracy is a statistical measurement of correctness and includes components of random error (variability due to imprecision) and systemic error. It therefore reflects the total error associated with a measurement. A measurement is accurate when the value reported does not differ from the true value or known concentration of the spike or standard. For VOCs, surrogate compound recoveries are also used to assess accuracy and method performance for each sample analyzed. Analysis of performance evaluation samples will also be used to provide additional information for assessing the accuracy of the analytical

data being produced. Both accuracy and precision are calculated for each analytical batch, and the associated sample results are interpreted by considering these specific measurements.

The laboratory provides a non-conformance summary that reports if all of the quality control criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for analysis were within acceptable limits. According to the laboratory, unless noted in the non-conformance summary, all of the quality control criteria for these analyses were within acceptable limits.

5.3.1 Volatile Organic Compounds

L2272484-05D (sample UST9-SW2B-9) - The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (140%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to the laboratory report.

L2272484-07D (sample UST9-SW3/4-9) - The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (198%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to the laboratory report.

L2272484-08D (sample UST9-B1-12) - The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (141%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to the laboratory report.

Due to the elevated detected contaminant levels in the above referenced samples, potential inaccuracies indicated by high surrogate recoveries do not have an adverse effect on data usability.

5.4 Representativeness

Objectives for representativeness are defined for each sampling and analysis task and are a function of the investigative objectives. Representativeness was accomplished during this project through use of standard field, sampling, and analytical procedures.

5.5 Comparability

Comparability is the confidence with which one data set can be compared to another data set. The objective for this quality assurance/quality control (QA/QC) program is to produce data with the greatest possible degree of comparability. Comparability was achieved by using standard methods for sampling and analysis, reporting data in standard units, normalizing results to standard conditions and using standard and comprehensive reporting formats. Complete field documentation was used, including standardized data collection forms to support the assessment of comparability. Historical comparability shall be achieved through consistent use of methods and documentation procedures throughout the project.

5.6 Completeness

Completeness is calculated by comparing the number of samples successfully analyzed to the number of samples collected. The goal for completeness is 95 percent. The completeness for this project was 100 percent, as there were no samples that could not be analyzed due to holding time violations, samples spilled or broken, or any other reason.

5.7 Project Quantitation Limits

Project specific PQLs were developed for the SSQAPP to ensure analytical results would meet relevant applicable standards.

5.7.1 Total Petroleum Hydrocarbon Quantitation

WG1728685 (sample UST8-PP-COMP (lab ID L2272484-01)): A Matrix Spike and Laboratory Duplicate were prepared with the sample batch; however, the native sample was not available for reporting; therefore, the results could not be reported.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on our findings (observations, field PIC measurements and laboratory analytical results), Ransom concludes that a release of petroleum has occurred at the Site in association with the gasoline USTs removed in association with this Phase II ESA and USTCA.

No evidence of a release of petroleum in association with the diesel fuel UST removed in association with this Phase II ESA and USTCA was documented.

Discrete base soil samples collected from beneath the central and southwesterly portion of gasoline UST #9 identified exceedances of VOCs at concentration above the applicable NH DES SRS in soils beneath this portion of removed gasoline UST #9; a discrete base soil sample collected from beneath the northwesterly extent of UST #9 did not identify petroleum contaminants at concentrations above applicable NH DES SRSs. Discrete soil samples collected from the UST #9 excavation sidewalls proximal to the SRS exceedances in the discrete base soil samples detected petroleum contaminants; however, at concentrations below the applicable NH DES SRSs. An additional composite soil sample collected from the sidewalls associated with UST #9 and a discrete base sample collected from the abutting gasoline UST #10 excavation did not identify contaminants above laboratory detection limits. A composite sidewall sample collected from the UST #10 excavation had low detections of VOCs at concentrations well below the applicable SRSs. Additional composite soil samples collected from the gasoline product and vent piping runs and beneath the gasoline dispensers did not identify contaminants above laboratory detection limits.

Composite base and sidewalls samples collected from the excavation associated with diesel UST #8 did not identify petroleum contaminants at concentrations above laboratory detection limits. Composite and discrete soil samples collected from beneath the diesel piping runs, the diesel dispenser, and kerosene dispenser did not detect petroleum contaminants at concentrations in excess of the applicable NH DES SRSs. The kerosene UST and piping runs associated with the removed kerosene dispenser was closed (removed) in 2013, with no exceedances of SRSs detected in the soil samples submitted for analysis.

Groundwater was not encountered in the excavations associated with this Phase II ESA and USTCA, which reached depths up to 14 feet bgs.

Based on the findings of this Phase II ESA and USTCA, Ransom recommends that additional investigation (likely a Level I Site Assessment) of the Site consisting of the advancement of soil borings and the installation of groundwater monitoring wells, be conducted to define the extent of contamination detected on the Site.

7.0 LIMITATIONS

The findings and recommendation embodied in this report are based upon the information available to Ransom on the date of this report, and Ransom expressly disclaims any obligation or undertaking to update or modify the findings and recommendation as a consequence of any future changes in the available information. This report and the findings and recommendation embodied herein are subject to the Ransom Terms and Conditions, as referenced in our Proposed Scope of Work dated December 12, 2022.

The client recognizes that the services provided by Ransom and the contents of this report are solely for the benefit of the client and its heirs, successors and permitted assigns whose reliance thereon is not independent of Client's. The contents of this report are not intended to be quoted or otherwise referenced to nor furnished to any other person, and no other person shall be entitled to rely hereon, without the Company's prior written consent. The Company and the client agree that such consent will be given by the Company only upon its receipt of (i) additional consideration in an amount sufficient in its discretion to compensate the Company for its additional exposure, and (ii) the written agreement of the third party seeking to rely upon the contents of the report that its reliance shall be subject to the specified Work Scope, the Terms and Conditions, and any and all additional limitations and qualifications included within the body of this report. Notwithstanding the foregoing, the Company may withhold its consent for any reason in its sole discretion.

TABLE 1. SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS

J&Gs Service Property
7 Back Ashuelot Road
Winchester, New Hampshire
NH DES Site # 199411023

			Diesel UST System (Registered UST #8)					Gasoline UST Systems - (Registered UST #9 and UST #10)													
CHEMICAL PARAMETER (mg/kg)	Env-Or 600 Soil Remediation Standard	Sample ID.: Sample Date:	UST8-B-COMP 12/27/2022	UST8-SW-COMP 12/27/2022	UST8-PP-COMP 12/22/2022	D-DISP-3 12/27/2022	K-DISP-2 12/27/2022	UST9-B1-12 12/22/2022	UST9-B2-12 12/22/2022	UST9-B3-12 12/22/2022	UST9-SW-COMP 12/23/2022	UST9-SW2B-9 12/22/2022	UST9-SW3-9 12/22/2022	UST9-SW3/4-9 12/22/2022	UST9-PP-COMP 12/23/2022	UST10-B-12 12/22/2022	UST10-SW-COMP 12/22/2022	UST10-PP-COMP 12/23/2022	G-DISP-COMP 12/27/2022	G-VENT-COMP 12/28/2022	
		Sample Depth (ft.): Sample Type:	12	9	2.5	3	2	12	12	12	7 - 9	9	9	9	2.5	12	7 - 9	2.5	3	2 - 2.5	
			Composite	Composite	Composite	Discrete	Discrete	Discrete	Discrete	Discrete	Composite	Discrete	Discrete	Discrete	Composite	Discrete	Composite	Composite	Composite	Composite	Composite
VOCs (mg/kg)								0.4		0.46	ND(0.21)	ND(0.019)	ND(0.034)	ND(0.018)	ND(0.035)	ND(0.019)	ND(0.022)	ND(0.018)	ND(0.019)	ND(0.018)	ND(0.02)
Benzene	0.3		ND(0.018)	ND(0.026)	ND(0.017)	ND(0.018)	ND(0.02)	89	55	ND(0.042)	ND(0.037)	1.7	0.15	1.4	ND(0.038)	ND(0.044)	ND(0.036)	ND(0.039)	ND(0.036)	ND(0.039)	
Toluene	100		ND(0.037)	ND(0.052)	ND(0.035)	ND(0.036)	ND(0.039)	88	72	ND(0.042)	ND(0.037)	2.9	0.071	1.2	ND(0.038)	ND(0.044)	ND(0.036)	ND(0.039)	ND(0.036)	ND(0.039)	
Ethylbenzene	120		ND(0.037)	ND(0.052)	ND(0.035)	ND(0.036)	ND(0.039)	910		860	0.33	ND(0.037)	35	0.72	77	ND(0.038)	ND(0.044)	0.12	ND(0.039)	ND(0.036)	ND(0.039)
Total Xylenes	500		ND(0.037)	ND(0.052)	ND(0.035)	ND(0.036)	ND(0.039)	610		580	ND(0.083)	ND(0.075)	40	0.24	120	ND(0.077)	ND(0.087)	0.13	ND(0.077)	ND(0.071)	ND(0.079)
1,2,4-Trimethylbenzene	130		ND(0.074)	ND(0.1)	ND(0.069)	ND(0.073)	ND(0.078)	180		120	0.18	ND(0.075)	13	0.077	41	ND(0.077)	ND(0.087)	ND(0.072)	ND(0.077)	ND(0.071)	ND(0.079)
1,3,5-Trimethylbenzene	96		ND(0.074)	ND(0.1)	ND(0.069)	ND(0.073)	ND(0.078)	1.1	0.91	ND(0.042)	ND(0.037)	ND(0.067)	ND(0.036)	ND(0.07)	ND(0.038)	ND(0.044)	ND(0.036)	ND(0.039)	ND(0.036)	ND(0.039)	
Styrene	17		ND(0.037)	ND(0.052)	ND(0.035)	ND(0.036)	ND(0.039)	15	13	ND(0.042)	ND(0.037)	1.9	ND(0.036)	3	ND(0.038)	ND(0.044)	ND(0.036)	ND(0.039)	ND(0.036)	ND(0.039)	
n-Butylbenzene	110		ND(0.037)	ND(0.052)	ND(0.035)	ND(0.036)	ND(0.039)	6.7	5.6	ND(0.042)	ND(0.037)	0.63	ND(0.036)	1.2	ND(0.038)	ND(0.044)	ND(0.036)	ND(0.039)	ND(0.036)	ND(0.039)	
sec-Butylbenzene	130		ND(0.037)	ND(0.052)	ND(0.035)	ND(0.036)	ND(0.039)	20	20	ND(0.042)	ND(0.037)	0.9	ND(0.036)	0.84	ND(0.038)	ND(0.044)	ND(0.036)	ND(0.039)	ND(0.036)	ND(0.039)	
Isopropylbenzene	330		ND(0.037)	ND(0.052)	ND(0.035)	ND(0.036)	ND(0.039)	4	3.3	ND(0.042)	ND(0.037)	0.52	ND(0.036)	1.5	ND(0.038)	ND(0.044)	ND(0.036)	ND(0.039)	ND(0.036)	ND(0.039)	
p-Isopropyltoluene	NS		ND(0.037)	ND(0.052)	ND(0.035)	0.039	ND(0.039)	36		35	ND(0.17)	ND(0.15)	8.9	ND(0.14)	12	ND(0.15)	ND(0.17)	ND(0.14)	ND(0.15)	ND(0.14)	ND(0.16)
Naphthalene	28		ND(0.15)	ND(0.21)	ND(0.14)	ND(0.14)	ND(0.016)	58	52	ND(0.042)	ND(0.037)	2.7	ND(0.036)	2.1	ND(0.038)	ND(0.044)	ND(0.036)	ND(0.039)	ND(0.036)	ND(0.039)	
n-Propylbenzene	85		ND(0.037)	ND(0.052)	ND(0.035)	ND(0.036)	ND(0.039)														
PAHs (mg/kg)																					
Fluoranthene	960		ND(0.0073)	ND(0.0072)	0.052	0.053	ND(0.0071)	na	na	na	na	na	na	na	na	na	na	na	na	na	
Chrysene	120		ND(0.0073)	ND(0.0072)	0.008	0.0084	ND(0.0071)	na	na	na	na	na	na	na	na	na	na	na	na	na	
Pyrene	720		ND(0.0073)	ND(0.0072)	0.240	0.21	ND(0.0071)	na	na	na	na	na	na	na	na	na	na	na	na	na	
TPH-GRO (mg/kg)	10,000		na	na	na	na	na	4,400	3,500	ND(1.7)	ND(1.7)	490	1.9	970	ND(1.7)	ND(1.7)	ND(1.6)	ND(1.7)	ND(1.6)	ND(1.8)	
TPH-DRO (mg/kg)	10,000		ND(35.9)	ND(34.7)	2,050	3,560	ND(34.7)	na	na	na	na	na	na	na	na	na	na	na	na	na	

- NOTES:
1. mg/kg = milligrams per kilogram.
 2. ND = Compound not detected above the Quantitation Limit (in parentheses).
 3. NS = No Standard; na = not applicable.
 4. Soil standards from New Hampshire Code of Administrative Rules Env-Or 600.
 - 5 NH DES Soil Remediation Standard exceedances shown in bold and boxed.

TABLE 2: SOIL DUPLICATE SAMPLES - LABORATORY ANALYTICAL RESULTS
J&Gs Service Property
Winchester, New Hampshire

SOIL						
Sample Location: Sample Depth (ft bgs): Sample Date:	G-DISP-COMP 3 ft bgs 12/27/2022	DUP-1 3 ft bgs 12/27/2022	Relative Percent Difference	D-DISP-3 3 12/27/2022	DUP-3 3 12/27/2022	Relative Percent Difference
Volatile Organic Compounds (mg/kg)			%	Concentrations in mg/kg		%
sec-Butylbenzene	NA	NA		0.044	ND(0.037)	NC
p-Isopropyltoluene	NA	NA		0.039	ND(0.037)	NC
Polyaromatic Hydrocarbons (PAHs) (mg/kg)			%	Concentrations in mg/kg		%
Fluoranthene	NA	NA		0.053	0.069	-26.23
Chrysene	NA	NA		0.0084	0.011	NC
Pyrene	NA	NA		0.21	0.24	-13.33
Total Petroleum Hydrocarbons (TPH)-Diesel Range			%	Concentrations in mg/kg		
TPH-GRO	ND(1.6)	ND(1.7)	NC	NA	NA	
TPH-DRO	NA	NA		3,560	2,940	19.08

Legend:

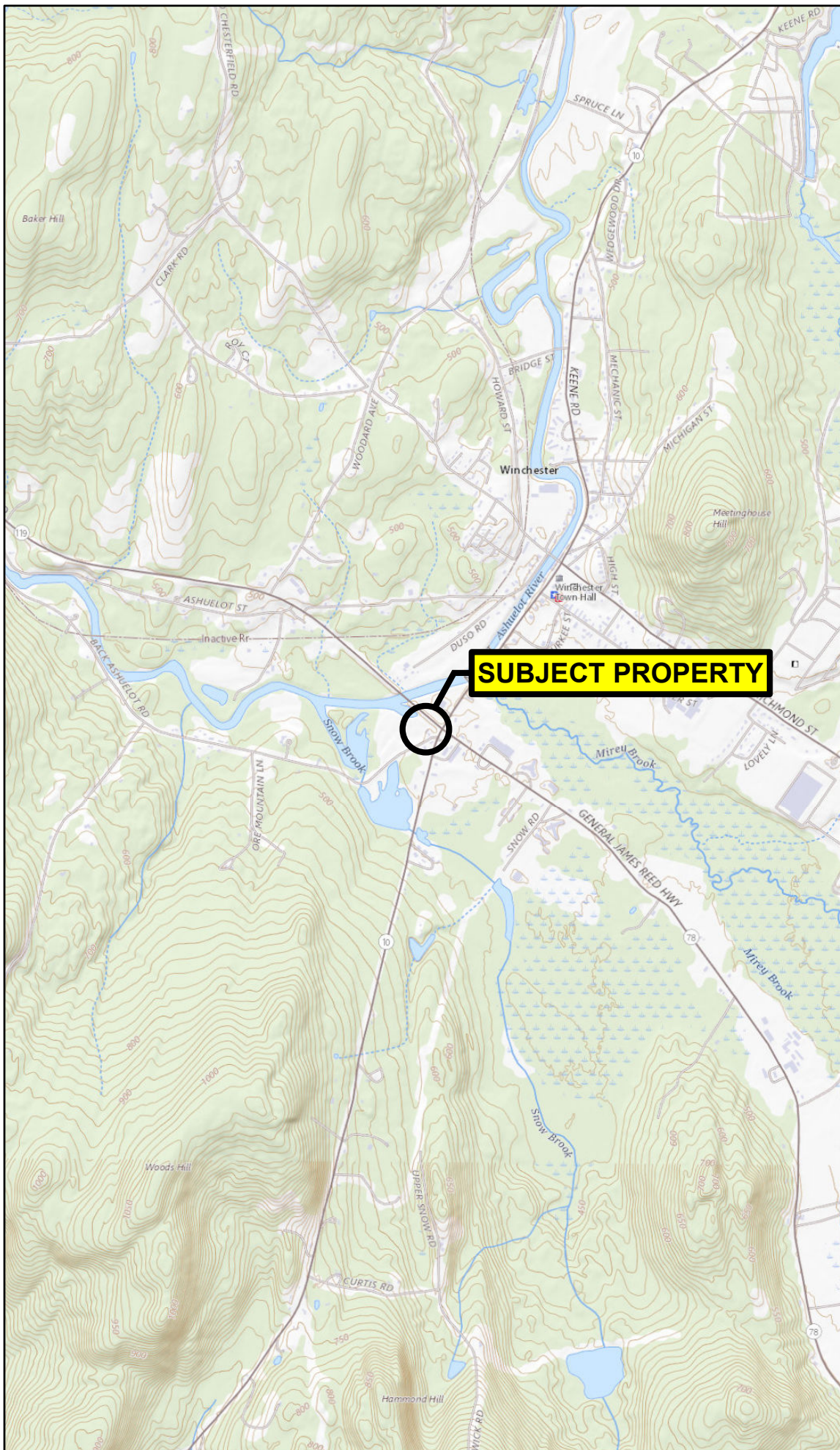
mg/kg = milligrams per kilogram

ND() = compound not detected above the method detection in parenthesis

Notes:

1. Relative percent difference not calculated if the detected concentration is less than 5x the laboratory reporting limit.

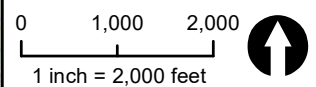
Regional Locator Map



Notes

1. Data Source: USGS. The National Map
2. USGS Quad Name: Hinsdale, Massachusetts
3. Latitude: 42°46'0.816"N
Longitude: 72°23'25.076"W

Scale and Orientation



Prepared For

Town of Winchester
1 Richmond Road
Winchester, New Hampshire

Site Address

J&Gs Service Property
7 Back Ashuelot Road
Winchester, New Hampshire

181.05015 | Feb 2023

Figure 1
Subject Property
Location Map



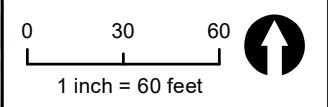
Legend & Notes

- Subject Property
- Approximate Location of Former Soil Pile
- 2021 Drum Removal Areas
- Former Monitoring Well
- Underground Storage Tank (UST)

Notes

1. Some features are approximate in location and scale
2. This plan has been prepared for NH DES Brownfields Program. All other uses are not authorized unless written permission is obtained from Ransom Consulting, LLC.

Scale & Orientation



Prepared For

Town of Winchester
1 Richmond Road
Winchester, New Hampshire

Site Address

J&Gs Service Property
7 Back Ashuelot Road
Winchester, New Hampshire

181.05015 | Feb 2023

Figure 2
Subject Property
Plan

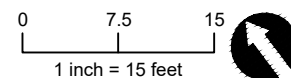
Legend & Notes

- Excavation Extent
- Former USTs and Dispenser Islands (Removed in 1994)
- Piping
- Sidewall Soil Sub-Sample
- ▲ Discrete Soil Sample
- ▲ NH DES SRS Exceedance
- Piping or Dispenser Soil Sub-Sample
- ⊕ Former Soil Boring/Monitoring Well
- $<1/2.5'$ PICs (ppmv)/ Depth (Feet Below Grade)

Notes:

1. Site Plan based on measurements and observations made by Ransom Consulting, LLC. on December 28, 2022.
2. Some features are approximate in location and scale.
3. This plan has been prepared for NHDES Brownfields Program. All other uses are not authorized unless written permission is obtained from Ransom Consulting, LLC.

Scale and Orientation



Prepared For

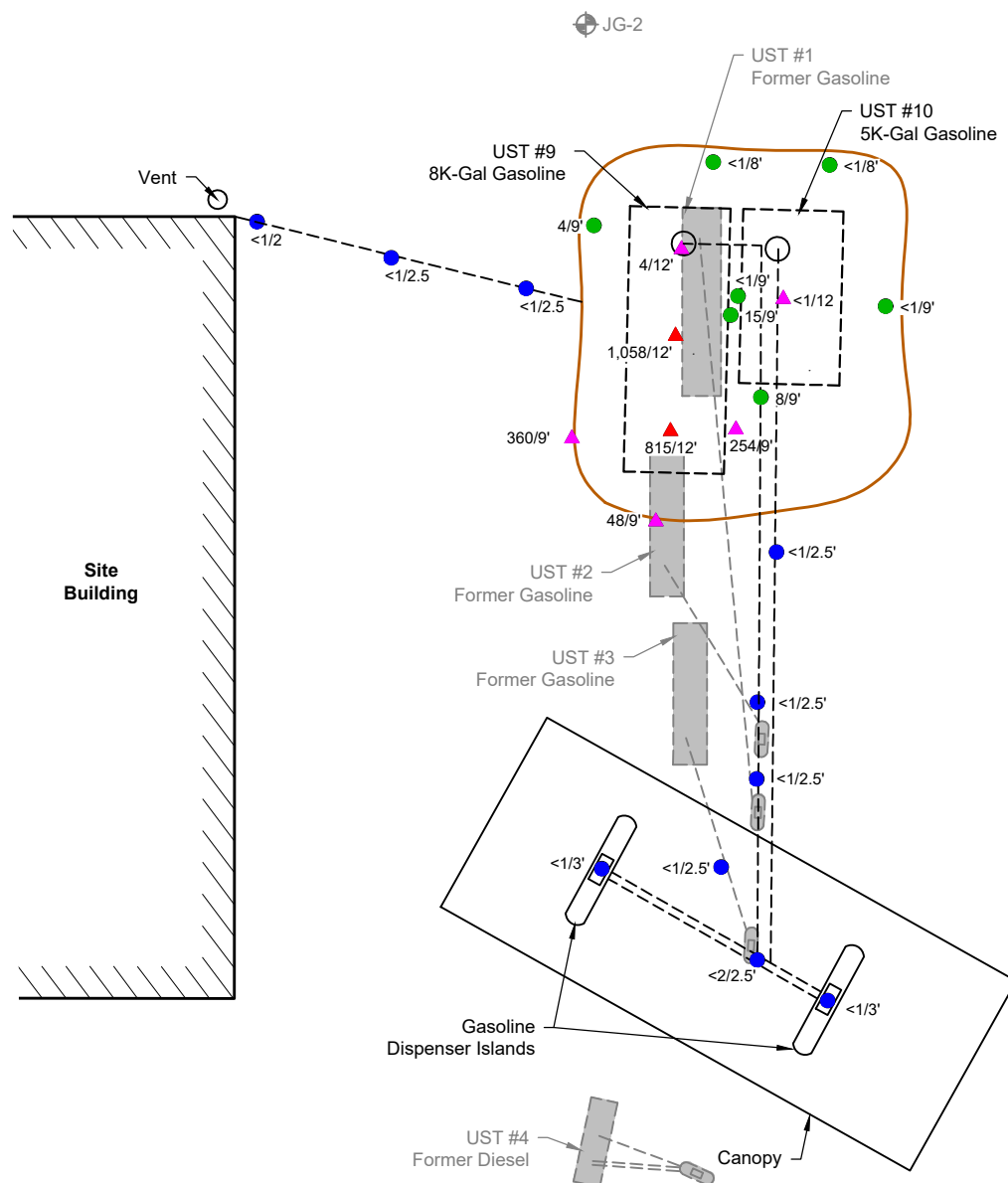
Town of Winchester
1 Richmond Road
Winchester, New Hampshire

Site Address

J&Gs Service Property
7 Back Ashuelot Road
Winchester, New Hampshire

181.05022 Feb 2023

Figure 3A
Gasoline USTCA Detail



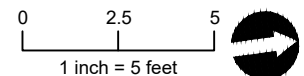
Legend & Notes

- Excavation Extent
- Piping
- UST Sidewall & Base Soil Sub-Sample
- ▲ Discrete Dispenser Soil Sample
- Piping- Run Soil Sub-Sample
- <1/2.5' PICs (ppmv)/ Depth (Feet Below Grade)

Notes:

1. Site Plan based on measurements and observations made by Ransom Consulting, LLC. on December 28, 2022.
2. Some features are approximate in location and scale.
3. This plan has been prepared for NHDES Brownfields Program. All other uses are not authorized unless written permission is obtained from Ransom Consulting, LLC.

Scale and Orientation



Prepared For

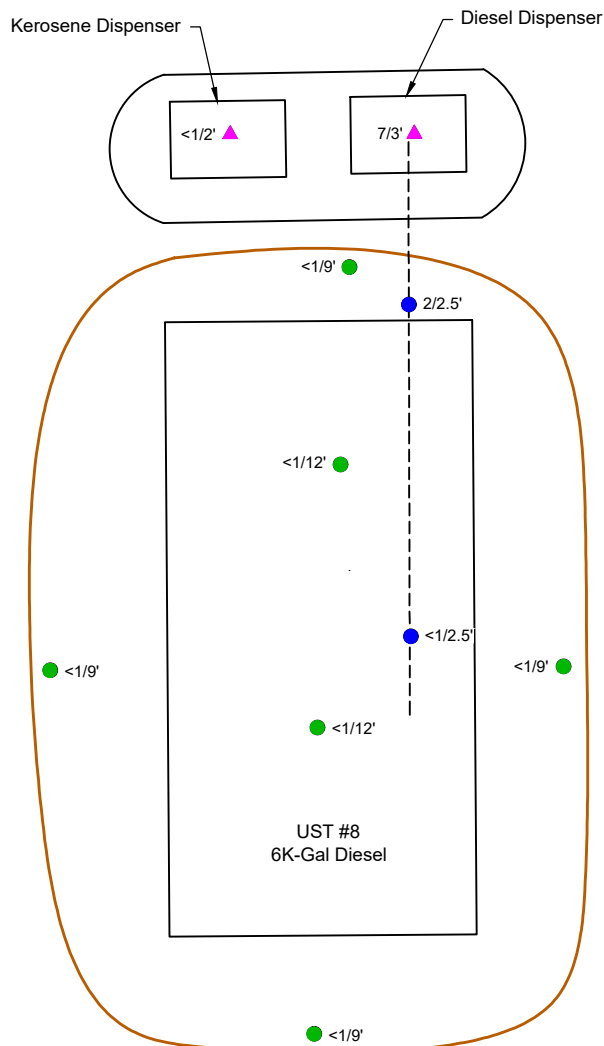
Town of Winchester
1 Richmond Road
Winchester, New Hampshire

Site Address

J&Gs Service Property
7 Back Ashuelot Road
Winchester, New Hampshire

181.05022 | Feb 2023

Figure 3B
Diesel USTCA Detail





Underground / Aboveground Storage Tank Closure Notification Form

Oil Remediation and Compliance Bureau



RSA 146-A & C; ENV-OR 300 & 400

NHDES-S-04-030

1. Person Reporting Notification			
Name: John M. Ouellette		Date: 12/15/2022	
Address: Ransom Consulting, LLC - 112 Corporate Dr., Portsmouth, NH		Initial: JMO	
Phone: 603.436.1490 ext. 518		Email: jouellette@ransomenv.com	
2. Facility Information			
NHDES Site # 199411023		Facility ID # 0110712	
Name: Former J&Gs Service			
Address: 7 Back Ashuelot Road (Route 10) - Winchester, NH 03470			
3. Owner Information			
Name: Town of Winchester (contact: Karey Miner - Town Administrator)			
Address: 1 Richmond Street - Winchester, NH 03470			
Phone: 603.239.4951 ext. 1		Email: kminer@winchester.nh.gov	
4. Tank Removal Information - Select all that apply: L – Leaker Suspected R – Removed F – Filled In Place P – Piping Only Closed			
L ☐ R ☒ F ☐ P ☐	L ☐ R ☒ F ☐ P ☐	L ☐ R ☒ F ☐ P ☐	L ☐ R ☐ F ☐ P ☐
Tank # 10	Tank #9	Tank #8	Tank #
Size: 5,000-gallon	Size: 8,000-gallon	Size: 6,000-gallon	Size:
Product: gasoline	Product: gasoline	Product: diesel fuel	Product:
Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☐ NO

5. Consultant / Contractor: Green Site Services

ICC-U2 Certificate # 10256806

6. Local Fire Dept. Notified: Yes

Town: Winchester Scheduled Closure Date: 12/19/202 - 12/23/202 Mailed: 12/15/2022 (emailed)

Email: wmdcontacts@des.nh.gov

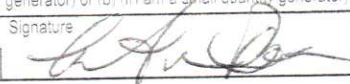
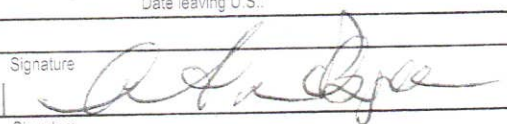
Telephone: (603) 271-3899 Fax: (603) 271-2181 TDD Access: Relay NH (800) 735-2964

PO BOX 95, Concord, NH 03302-0095

www.des.nh.gov

2018-06-21

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NITD500019252		2. Page 1 of 1		3. Emergency Response Phone (855) 977-2020		4. Manifest Tracking Number 025008678 JJK		
		5. Generator's Name and Mailing Address Town of Winchester 1 Richmond Street Winchester, NH 03470		Generator's Site Address (if different than mailing address) 3-6 Services 7 Birch Avenue 10 + Road Winchester, NH 03470						
6. Transporter 1 Company Name Green S.R. Services Group, Inc.		U.S. EPA ID Number WA6000583252		7. Transporter 2 Company Name		U.S. EPA ID Number		U.S. EPA ID Number		
8. Designated Facility Name and Site Address Tradebe Bridgeport 50 Cross Street Bridgeport, CT		Facility's Phone: 888-276-0887		U.S. EPA ID Number CTD002593887						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
					No.	Type				
	1.	Non RCRA, Non-DOT, Only Liquids			1	DM	300	lbs.	HA1	
	2.									
	3.									
14. Special Handling Instructions and Additional Information SS 106 # 22-0304 Tradebe Profile # 1000910699										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 263.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's Offeror's Printed/Typed Name Robert Boyce		Signature 		Month 12		Day 12		Year 2023		
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit:		Date leaving U.S.:					
	Transporter signature (for exports only):									
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials		Signature 		Month 12		Day 12		Year 2023	
	Transporter 1 Printed/Typed Name Robert Boyce		Signature		Month		Day		Year	
DESIGNATED FACILITY	18. Discrepancy		18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection		Manifest Reference Number:					
	18b. Alternate Facility (or Generator)		U.S. EPA ID Number							
	Facility's Phone:									
	18c. Signature of Alternate Facility (or Generator)									
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name		Signature		Month		Day		Year		

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NH0600019262	2. Page 1 of 1	3. Emergency Response Phone 800-255-3924	4. Manifest Tracking Number 007222262 GBF			
5. Generator's Name and Mailing Address J & G Service 7 Back Ashuelot Road, Town Of Manchester Manchester NH 03470 Generator's Phone: 603-255-1054				Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name Garick Inc.				U.S. EPA ID Number ME0000542090				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address HNC Environmental of Maine, Inc 108 Main Street South Portland ME 04106 Facility's Phone: 207-759-0550				U.S. EPA ID Number ME0019031000				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	X	1. UN1203, WASTE Gasoline 3. PGII		1 TT		545 G		DOT 0015
		2. Non-regulated material		1 TT		120 G		None
		3.						
		4.						
14. Special Handling Instructions and Additional Information MIS0112744 EFG#123 2nd Level water machine								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Lance T. Bartholomew (Agent For Generator)				Signature Lance T. Bartholomew		Month Day Year 12/21/22		
INTL	16. International Shipments ☐ Import to U.S. ☐ Export from U.S.			Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only):							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Russell Boarar		Signature Russell Boarar		Month Day Year 12/21/22			
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year			
	18. Discrepancy							
	18a. Discrepancy Indication Space 0050 ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
	Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H111		2. H111		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name Mark L. White				Signature Mark L. White		Month Day Year 11/22/22		

Photograph Log



Photo 1 (6-1-2022): The Site as seen from Back Ashuelot Road. Gasoline UST bed on right, gasoline dispensers beneath canopy. Diesel UST bed and dispenser out of photo left.



Photo 2 (6-1-2022): Gasoline UST bed; 5,000-gallon premium gasoline UST #10 in foreground, 8,000-gallon regular gasoline UST #9 beyond.



Photo 3 (6-1-2022): Diesel UST bed and associated dispenser. Second dispenser beyond associated with kerosene UST removed in 2013 by others.



Photo 4 (12-21-2022): Tops of gasoline USTs exposed, vactored free of several inches of residual product, and cleaned.



Photo 5 (12-22-2022): 5,000-gallon gasoline UST #10 removed. Frost at base from dry ice.



Photo 6 (12-22-2022): UST grave associated with 5,000-gallon gasoline UST #10. Gasoline UST #9 beyond.

Photograph Log



Photo 7 (12-23-2022): 8,000-gallon gasoline UST #9 removed. Frost at base from dry ice.



Photo 8 (12-23-2022): UST grave associated with 8,000-gallon gasoline UST #9. Elevated PICs and SRS exceedances detected in central base and far end of base (near excavator).



Photo 9 (12-23-2022): Gasoline product piping trench leading to dispenser islands beneath canopy.



Photo 10 (12-27-2022): Soil sample location beneath one of two sumps associated with gasoline dispensers. Sumps and piping subsequently removed.



Photo 11 (12-23-2022): Top of diesel UST #8 partial exposed and cut for entry/cleaning.



Photo 12 (12-27-2022): Remaining portion of diesel UST top exposed. Diesel and kerosene dispensers removed.

Photograph Log



Photo 13 (12-27-2022): 6,000-gallon diesel UST #8 removed.



Photo 14 (12-27-2022): UST grave associated with 6,000-gallon diesel UST #8.



Photo 15 (12-27-2022): Concrete pump island and diesel and kerosene dispenser sumps removed. Shallow stained soils beneath diesel dispenser on right.



Photo 16 (12-29-2022): Gasoline UST grave (UST #9 and UST #10) and vent piping trench backfilled to grade.



Photo 17 (12-29-2022): Canopy removed, and gasoline product piping and dispenser locations backfilled to grade.



Photo 18 (12-29-2022): Diesel UST grave (UST #8) and dispenser island area backfilled to grade.

D.1 FIELD METHODOLOGY

D.1.1 Field Screening

A MiniRAE 2000 PID capable of detecting PICs to a lower detection limit of 0.1 ppmv was used to field screen the soil samples for the presence of photoionizable compounds.

The soil samples from the excavations were initially shaken in the sealed containers, warmed to ambient temperature, and then allowed to equilibrate for at least 15 minutes. The containers were shaken again before analyzing the headspace.

D.1.2 Soil Sample Collection

Soil samples submitted for VOCs and gasoline range organic analyses were collected in accordance with U.S. EPA Method 5035 using the mid-level methanol preservation technique. Five-gram samples were collected using a polyethylene syringe calibrated to 5 grams. The samples were immediately transferred to a clean pre-weighed sample container fitted with Teflon[®] septa, with purge and trap grade methanol added by the laboratory. Soil samples submitted for diesel range organics and polynuclear aromatic hydrocarbons were collected in accordance with U.S. EPA Methods and submitted to the laboratory in unpreserved amber glass containers.

D.1.3 Sample Custody

The soil samples were stored on ice in a cooler while awaiting and during transport from the field to the laboratory. Chain of custody procedures were used to document handling and custody transfer of the samples.

E.1 SOIL ANALYTICAL METHODS

E.1.1 Volatile Organic Compounds

The soil samples methanol were analyzed for the presence of VOCs according to U.S. EPA Method 8260C.

E.1.2 Total Petroleum Hydrocarbons - Gasoline Range Organics

Selected soil samples methanol were analyzed for the presence of TPH-GRO according to U.S. EPA Method 8015-GRO.

E.1.3 Total Petroleum Hydrocarbons - Diesel Range Organics

Selected soil samples were analyzed for the presence of TPH-DRO according to U.S. EPA Method 8015-DRO.

E.1.4 Polynuclear Aromatic Hydrocarbons

Selected soil samples were analyzed for the presence of PAHs according to U.S. EPA Method 8270D.



ANALYTICAL REPORT

Lab Number:	L2272484
Client:	Ransom Consulting, LLC. 112 Corporate Drive Pease International Tradeport Portsmouth, NH 03801
ATTN:	John Ouellette
Phone:	(603) 436-1490
Project Name:	J+G SERVICE PROPERTY
Project Number:	181.05022.015
Report Date:	01/10/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2272484-01	UST8-PP-COMP	SOIL	WINCHESTER, NH	12/22/22 13:30	12/23/22
L2272484-02	UST9-PP-COMP	SOIL	WINCHESTER, NH	12/23/22 11:45	12/23/22
L2272484-03	UST10-PP-COMP	SOIL	WINCHESTER, NH	12/23/22 12:00	12/23/22
L2272484-04	UST9-SW-COMP	SOIL	WINCHESTER, NH	12/22/22 12:30	12/23/22
L2272484-05	UST9-SW2B-9	SOIL	WINCHESTER, NH	12/22/22 08:45	12/23/22
L2272484-06	UST9-SW3-9	SOIL	WINCHESTER, NH	12/22/22 12:10	12/23/22
L2272484-07	UST9-SW3-4-9	SOIL	WINCHESTER, NH	12/22/22 12:00	12/23/22
L2272484-08	UST9-B1-12	SOIL	WINCHESTER, NH	12/22/22 11:30	12/23/22
L2272484-09	UST9-B2-12	SOIL	WINCHESTER, NH	12/22/22 11:40	12/23/22
L2272484-10	UST9-B3-12	SOIL	WINCHESTER, NH	12/22/22 11:50	12/23/22
L2272484-11	UST10-SW-COMP	SOIL	WINCHESTER, NH	12/22/22 08:40	12/23/22
L2272484-12	UST10-B-12	SOIL	WINCHESTER, NH	12/22/22 07:50	12/23/22
L2272484-13	TRIP BLANK	SOIL	WINCHESTER, NH	12/22/22 00:00	12/23/22
L2272484-14	COMP FOR UST9-PP-COMP	SOIL	WINCHESTER, NH	12/23/22 11:45	12/23/22
L2272484-15	COMP FOR UST10-PP-COMP	SOIL	WINCHESTER, NH	12/23/22 12:00	12/23/22
L2272484-16	COMP FOR UST9-SW-COMP	SOIL	WINCHESTER, NH	12/22/22 12:30	12/23/22
L2272484-17	COMP FOR UST10-SW-COMP	SOIL	WINCHESTER, NH	12/22/22 08:40	12/23/22

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Case Narrative (continued)

Volatile Organics

L2272484-05D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (140%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2272484-07D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (198%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2272484-08D: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (141%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Petroleum Hydrocarbon Quantitation

WG1728685: A Matrix Spike and Laboratory Duplicate were prepared with the sample batch, however, the native sample was not available for reporting; therefore, the results could not be reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Caitlin Walukevich

Title: Technical Director/Representative

Date: 01/10/23

ORGANICS

VOLATILES

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-01
Client ID: UST8-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 13:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/28/22 14:39
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	170	--	1
1,1-Dichloroethane	ND		ug/kg	35	--	1
Chloroform	ND		ug/kg	52	--	1
Carbon tetrachloride	ND		ug/kg	35	--	1
1,2-Dichloropropane	ND		ug/kg	35	--	1
Dibromochloromethane	ND		ug/kg	35	--	1
1,1,2-Trichloroethane	ND		ug/kg	35	--	1
Tetrachloroethene	ND		ug/kg	17	--	1
Chlorobenzene	ND		ug/kg	17	--	1
Trichlorofluoromethane	ND		ug/kg	140	--	1
1,2-Dichloroethane	ND		ug/kg	35	--	1
1,1,1-Trichloroethane	ND		ug/kg	17	--	1
Bromodichloromethane	ND		ug/kg	17	--	1
trans-1,3-Dichloropropene	ND		ug/kg	35	--	1
cis-1,3-Dichloropropene	ND		ug/kg	17	--	1
1,3-Dichloropropene, Total	ND		ug/kg	17	--	1
1,1-Dichloropropene	ND		ug/kg	17	--	1
Bromoform	ND		ug/kg	140	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	17	--	1
Benzene	ND		ug/kg	17	--	1
Toluene	ND		ug/kg	35	--	1
Ethylbenzene	ND		ug/kg	35	--	1
Chloromethane	ND		ug/kg	140	--	1
Bromomethane	ND		ug/kg	69	--	1
Vinyl chloride	ND		ug/kg	35	--	1
Chloroethane	ND		ug/kg	69	--	1
1,1-Dichloroethene	ND		ug/kg	35	--	1
trans-1,2-Dichloroethene	ND		ug/kg	52	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-01
 Client ID: UST8-PP-COMP
 Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 13:30
 Date Received: 12/23/22
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	17	--	1
1,2-Dichlorobenzene	ND		ug/kg	69	--	1
1,3-Dichlorobenzene	ND		ug/kg	69	--	1
1,4-Dichlorobenzene	ND		ug/kg	69	--	1
Methyl tert butyl ether	ND		ug/kg	69	--	1
p/m-Xylene	ND		ug/kg	69	--	1
o-Xylene	ND		ug/kg	35	--	1
Xylenes, Total	ND		ug/kg	35	--	1
cis-1,2-Dichloroethene	ND		ug/kg	35	--	1
1,2-Dichloroethene, Total	ND		ug/kg	35	--	1
Dibromomethane	ND		ug/kg	69	--	1
1,2,3-Trichloropropane	ND		ug/kg	69	--	1
Styrene	ND		ug/kg	35	--	1
Dichlorodifluoromethane	ND		ug/kg	350	--	1
Acetone	ND		ug/kg	350	--	1
Carbon disulfide	ND		ug/kg	350	--	1
2-Butanone	ND		ug/kg	350	--	1
4-Methyl-2-pentanone	ND		ug/kg	350	--	1
2-Hexanone	ND		ug/kg	350	--	1
Bromochloromethane	ND		ug/kg	69	--	1
Tetrahydrofuran	ND		ug/kg	140	--	1
2,2-Dichloropropane	ND		ug/kg	69	--	1
1,2-Dibromoethane	ND		ug/kg	35	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	17	--	1
Bromobenzene	ND		ug/kg	69	--	1
n-Butylbenzene	ND		ug/kg	35	--	1
sec-Butylbenzene	ND		ug/kg	35	--	1
tert-Butylbenzene	ND		ug/kg	69	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	69	--	1
o-Chlorotoluene	ND		ug/kg	69	--	1
p-Chlorotoluene	ND		ug/kg	69	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	100	--	1
Hexachlorobutadiene	ND		ug/kg	140	--	1
Isopropylbenzene	ND		ug/kg	35	--	1
p-Isopropyltoluene	ND		ug/kg	35	--	1
Naphthalene	ND		ug/kg	140	--	1
n-Propylbenzene	ND		ug/kg	35	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-01
Client ID: UST8-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 13:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	69	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	69	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	69	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	69	--	1
Ethyl ether	ND		ug/kg	69	--	1
Isopropyl Ether	ND		ug/kg	69	--	1
Tert-Butyl Alcohol	ND		ug/kg	690	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	69	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	69	--	1
1,4-Dioxane	ND		ug/kg	2800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	90		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-02
Client ID: UST9-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/23/22 11:45
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 12:20
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	190	--	1
1,1-Dichloroethane	ND		ug/kg	38	--	1
Chloroform	ND		ug/kg	58	--	1
Carbon tetrachloride	ND		ug/kg	38	--	1
1,2-Dichloropropane	ND		ug/kg	38	--	1
Dibromochloromethane	ND		ug/kg	38	--	1
1,1,2-Trichloroethane	ND		ug/kg	38	--	1
Tetrachloroethene	ND		ug/kg	19	--	1
Chlorobenzene	ND		ug/kg	19	--	1
Trichlorofluoromethane	ND		ug/kg	150	--	1
1,2-Dichloroethane	ND		ug/kg	38	--	1
1,1,1-Trichloroethane	ND		ug/kg	19	--	1
Bromodichloromethane	ND		ug/kg	19	--	1
trans-1,3-Dichloropropene	ND		ug/kg	38	--	1
cis-1,3-Dichloropropene	ND		ug/kg	19	--	1
1,3-Dichloropropene, Total	ND		ug/kg	19	--	1
1,1-Dichloropropene	ND		ug/kg	19	--	1
Bromoform	ND		ug/kg	150	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	19	--	1
Benzene	ND		ug/kg	19	--	1
Toluene	ND		ug/kg	38	--	1
Ethylbenzene	ND		ug/kg	38	--	1
Chloromethane	ND		ug/kg	150	--	1
Bromomethane	ND		ug/kg	77	--	1
Vinyl chloride	ND		ug/kg	38	--	1
Chloroethane	ND		ug/kg	77	--	1
1,1-Dichloroethene	ND		ug/kg	38	--	1
trans-1,2-Dichloroethene	ND		ug/kg	58	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-02
 Client ID: UST9-PP-COMP
 Sample Location: WINCHESTER, NH

Date Collected: 12/23/22 11:45
 Date Received: 12/23/22
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	19	--	1
1,2-Dichlorobenzene	ND		ug/kg	77	--	1
1,3-Dichlorobenzene	ND		ug/kg	77	--	1
1,4-Dichlorobenzene	ND		ug/kg	77	--	1
Methyl tert butyl ether	ND		ug/kg	77	--	1
p/m-Xylene	ND		ug/kg	77	--	1
o-Xylene	ND		ug/kg	38	--	1
Xylenes, Total	ND		ug/kg	38	--	1
cis-1,2-Dichloroethene	ND		ug/kg	38	--	1
1,2-Dichloroethene, Total	ND		ug/kg	38	--	1
Dibromomethane	ND		ug/kg	77	--	1
1,2,3-Trichloropropane	ND		ug/kg	77	--	1
Styrene	ND		ug/kg	38	--	1
Dichlorodifluoromethane	ND		ug/kg	380	--	1
Acetone	ND		ug/kg	380	--	1
Carbon disulfide	ND		ug/kg	380	--	1
2-Butanone	ND		ug/kg	380	--	1
4-Methyl-2-pentanone	ND		ug/kg	380	--	1
2-Hexanone	ND		ug/kg	380	--	1
Bromochloromethane	ND		ug/kg	77	--	1
Tetrahydrofuran	ND		ug/kg	150	--	1
2,2-Dichloropropane	ND		ug/kg	77	--	1
1,2-Dibromoethane	ND		ug/kg	38	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	19	--	1
Bromobenzene	ND		ug/kg	77	--	1
n-Butylbenzene	ND		ug/kg	38	--	1
sec-Butylbenzene	ND		ug/kg	38	--	1
tert-Butylbenzene	ND		ug/kg	77	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	77	--	1
o-Chlorotoluene	ND		ug/kg	77	--	1
p-Chlorotoluene	ND		ug/kg	77	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	120	--	1
Hexachlorobutadiene	ND		ug/kg	150	--	1
Isopropylbenzene	ND		ug/kg	38	--	1
p-Isopropyltoluene	ND		ug/kg	38	--	1
Naphthalene	ND		ug/kg	150	--	1
n-Propylbenzene	ND		ug/kg	38	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-02
Client ID: UST9-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/23/22 11:45
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	77	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	77	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	77	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	77	--	1
Ethyl ether	ND		ug/kg	77	--	1
Isopropyl Ether	ND		ug/kg	77	--	1
Tert-Butyl Alcohol	ND		ug/kg	770	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	77	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	77	--	1
1,4-Dioxane	ND		ug/kg	3100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	91		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-03
 Client ID: UST10-PP-COMP
 Sample Location: WINCHESTER, NH

Date Collected: 12/23/22 12:00
 Date Received: 12/23/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 12/29/22 12:46
 Analyst: NLK
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	190	--	1
1,1-Dichloroethane	ND		ug/kg	39	--	1
Chloroform	ND		ug/kg	58	--	1
Carbon tetrachloride	ND		ug/kg	39	--	1
1,2-Dichloropropane	ND		ug/kg	39	--	1
Dibromochloromethane	ND		ug/kg	39	--	1
1,1,2-Trichloroethane	ND		ug/kg	39	--	1
Tetrachloroethene	ND		ug/kg	19	--	1
Chlorobenzene	ND		ug/kg	19	--	1
Trichlorofluoromethane	ND		ug/kg	150	--	1
1,2-Dichloroethane	ND		ug/kg	39	--	1
1,1,1-Trichloroethane	ND		ug/kg	19	--	1
Bromodichloromethane	ND		ug/kg	19	--	1
trans-1,3-Dichloropropene	ND		ug/kg	39	--	1
cis-1,3-Dichloropropene	ND		ug/kg	19	--	1
1,3-Dichloropropene, Total	ND		ug/kg	19	--	1
1,1-Dichloropropene	ND		ug/kg	19	--	1
Bromoform	ND		ug/kg	150	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	19	--	1
Benzene	ND		ug/kg	19	--	1
Toluene	ND		ug/kg	39	--	1
Ethylbenzene	ND		ug/kg	39	--	1
Chloromethane	ND		ug/kg	150	--	1
Bromomethane	ND		ug/kg	77	--	1
Vinyl chloride	ND		ug/kg	39	--	1
Chloroethane	ND		ug/kg	77	--	1
1,1-Dichloroethene	ND		ug/kg	39	--	1
trans-1,2-Dichloroethene	ND		ug/kg	58	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-03
Client ID: UST10-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/23/22 12:00
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	19	--	1
1,2-Dichlorobenzene	ND		ug/kg	77	--	1
1,3-Dichlorobenzene	ND		ug/kg	77	--	1
1,4-Dichlorobenzene	ND		ug/kg	77	--	1
Methyl tert butyl ether	ND		ug/kg	77	--	1
p/m-Xylene	ND		ug/kg	77	--	1
o-Xylene	ND		ug/kg	39	--	1
Xylenes, Total	ND		ug/kg	39	--	1
cis-1,2-Dichloroethene	ND		ug/kg	39	--	1
1,2-Dichloroethene, Total	ND		ug/kg	39	--	1
Dibromomethane	ND		ug/kg	77	--	1
1,2,3-Trichloropropane	ND		ug/kg	77	--	1
Styrene	ND		ug/kg	39	--	1
Dichlorodifluoromethane	ND		ug/kg	390	--	1
Acetone	ND		ug/kg	390	--	1
Carbon disulfide	ND		ug/kg	390	--	1
2-Butanone	ND		ug/kg	390	--	1
4-Methyl-2-pentanone	ND		ug/kg	390	--	1
2-Hexanone	ND		ug/kg	390	--	1
Bromochloromethane	ND		ug/kg	77	--	1
Tetrahydrofuran	ND		ug/kg	150	--	1
2,2-Dichloropropane	ND		ug/kg	77	--	1
1,2-Dibromoethane	ND		ug/kg	39	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	19	--	1
Bromobenzene	ND		ug/kg	77	--	1
n-Butylbenzene	ND		ug/kg	39	--	1
sec-Butylbenzene	ND		ug/kg	39	--	1
tert-Butylbenzene	ND		ug/kg	77	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	77	--	1
o-Chlorotoluene	ND		ug/kg	77	--	1
p-Chlorotoluene	ND		ug/kg	77	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	120	--	1
Hexachlorobutadiene	ND		ug/kg	150	--	1
Isopropylbenzene	ND		ug/kg	39	--	1
p-Isopropyltoluene	ND		ug/kg	39	--	1
Naphthalene	ND		ug/kg	150	--	1
n-Propylbenzene	ND		ug/kg	39	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-03
Client ID: UST10-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/23/22 12:00
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	77	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	77	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	77	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	77	--	1
Ethyl ether	ND		ug/kg	77	--	1
Isopropyl Ether	ND		ug/kg	77	--	1
Tert-Butyl Alcohol	ND		ug/kg	770	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	77	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	77	--	1
1,4-Dioxane	ND		ug/kg	3100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	90		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-04
 Client ID: UST9-SW-COMP
 Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:30
 Date Received: 12/23/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 12/29/22 13:12
 Analyst: NLK
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	190	--	1
1,1-Dichloroethane	ND		ug/kg	37	--	1
Chloroform	ND		ug/kg	56	--	1
Carbon tetrachloride	ND		ug/kg	37	--	1
1,2-Dichloropropane	ND		ug/kg	37	--	1
Dibromochloromethane	ND		ug/kg	37	--	1
1,1,2-Trichloroethane	ND		ug/kg	37	--	1
Tetrachloroethene	ND		ug/kg	19	--	1
Chlorobenzene	ND		ug/kg	19	--	1
Trichlorofluoromethane	ND		ug/kg	150	--	1
1,2-Dichloroethane	ND		ug/kg	37	--	1
1,1,1-Trichloroethane	ND		ug/kg	19	--	1
Bromodichloromethane	ND		ug/kg	19	--	1
trans-1,3-Dichloropropene	ND		ug/kg	37	--	1
cis-1,3-Dichloropropene	ND		ug/kg	19	--	1
1,3-Dichloropropene, Total	ND		ug/kg	19	--	1
1,1-Dichloropropene	ND		ug/kg	19	--	1
Bromoform	ND		ug/kg	150	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	19	--	1
Benzene	ND		ug/kg	19	--	1
Toluene	ND		ug/kg	37	--	1
Ethylbenzene	ND		ug/kg	37	--	1
Chloromethane	ND		ug/kg	150	--	1
Bromomethane	ND		ug/kg	75	--	1
Vinyl chloride	ND		ug/kg	37	--	1
Chloroethane	ND		ug/kg	75	--	1
1,1-Dichloroethene	ND		ug/kg	37	--	1
trans-1,2-Dichloroethene	ND		ug/kg	56	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-04
Client ID: UST9-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	19	--	1
1,2-Dichlorobenzene	ND		ug/kg	75	--	1
1,3-Dichlorobenzene	ND		ug/kg	75	--	1
1,4-Dichlorobenzene	ND		ug/kg	75	--	1
Methyl tert butyl ether	ND		ug/kg	75	--	1
p/m-Xylene	ND		ug/kg	75	--	1
o-Xylene	ND		ug/kg	37	--	1
Xylenes, Total	ND		ug/kg	37	--	1
cis-1,2-Dichloroethene	ND		ug/kg	37	--	1
1,2-Dichloroethene, Total	ND		ug/kg	37	--	1
Dibromomethane	ND		ug/kg	75	--	1
1,2,3-Trichloropropane	ND		ug/kg	75	--	1
Styrene	ND		ug/kg	37	--	1
Dichlorodifluoromethane	ND		ug/kg	370	--	1
Acetone	ND		ug/kg	370	--	1
Carbon disulfide	ND		ug/kg	370	--	1
2-Butanone	ND		ug/kg	370	--	1
4-Methyl-2-pentanone	ND		ug/kg	370	--	1
2-Hexanone	ND		ug/kg	370	--	1
Bromochloromethane	ND		ug/kg	75	--	1
Tetrahydrofuran	ND		ug/kg	150	--	1
2,2-Dichloropropane	ND		ug/kg	75	--	1
1,2-Dibromoethane	ND		ug/kg	37	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	19	--	1
Bromobenzene	ND		ug/kg	75	--	1
n-Butylbenzene	ND		ug/kg	37	--	1
sec-Butylbenzene	ND		ug/kg	37	--	1
tert-Butylbenzene	ND		ug/kg	75	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	75	--	1
o-Chlorotoluene	ND		ug/kg	75	--	1
p-Chlorotoluene	ND		ug/kg	75	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	110	--	1
Hexachlorobutadiene	ND		ug/kg	150	--	1
Isopropylbenzene	ND		ug/kg	37	--	1
p-Isopropyltoluene	ND		ug/kg	37	--	1
Naphthalene	ND		ug/kg	150	--	1
n-Propylbenzene	ND		ug/kg	37	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-04
Client ID: UST9-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	75	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	75	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	75	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	75	--	1
Ethyl ether	ND		ug/kg	75	--	1
Isopropyl Ether	ND		ug/kg	75	--	1
Tert-Butyl Alcohol	ND		ug/kg	750	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	75	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	75	--	1
1,4-Dioxane	ND		ug/kg	3000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	90		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-05 D2
Client ID: UST9-SW2B-9
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 08:45
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 11:28
Analyst: NLK
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by EPA 5035 High - Westborough Lab						
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1,2,4-Trimethylbenzene	40000		ug/kg	670	--	10
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	93		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-05 D

Date Collected: 12/22/22 08:45

Client ID: UST9-SW2B-9

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 12/28/22 15:05

Analyst: AJK

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	340	--	2
1,1-Dichloroethane	ND		ug/kg	67	--	2
Chloroform	ND		ug/kg	100	--	2
Carbon tetrachloride	ND		ug/kg	67	--	2
1,2-Dichloropropane	ND		ug/kg	67	--	2
Dibromochloromethane	ND		ug/kg	67	--	2
1,1,2-Trichloroethane	ND		ug/kg	67	--	2
Tetrachloroethene	ND		ug/kg	34	--	2
Chlorobenzene	ND		ug/kg	34	--	2
Trichlorofluoromethane	ND		ug/kg	270	--	2
1,2-Dichloroethane	ND		ug/kg	67	--	2
1,1,1-Trichloroethane	ND		ug/kg	34	--	2
Bromodichloromethane	ND		ug/kg	34	--	2
trans-1,3-Dichloropropene	ND		ug/kg	67	--	2
cis-1,3-Dichloropropene	ND		ug/kg	34	--	2
1,3-Dichloropropene, Total	ND		ug/kg	34	--	2
1,1-Dichloropropene	ND		ug/kg	34	--	2
Bromoform	ND		ug/kg	270	--	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	34	--	2
Benzene	ND		ug/kg	34	--	2
Toluene	1700		ug/kg	67	--	2
Ethylbenzene	2900		ug/kg	67	--	2
Chloromethane	ND		ug/kg	270	--	2
Bromomethane	ND		ug/kg	130	--	2
Vinyl chloride	ND		ug/kg	67	--	2
Chloroethane	ND		ug/kg	130	--	2
1,1-Dichloroethene	ND		ug/kg	67	--	2
trans-1,2-Dichloroethene	ND		ug/kg	100	--	2

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-05 D

Date Collected: 12/22/22 08:45

Client ID: UST9-SW2B-9

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	34	--	2
1,2-Dichlorobenzene	ND		ug/kg	130	--	2
1,3-Dichlorobenzene	ND		ug/kg	130	--	2
1,4-Dichlorobenzene	ND		ug/kg	130	--	2
Methyl tert butyl ether	ND		ug/kg	130	--	2
p/m-Xylene	22000		ug/kg	130	--	2
o-Xylene	13000		ug/kg	67	--	2
Xylenes, Total	35000		ug/kg	67	--	2
cis-1,2-Dichloroethene	ND		ug/kg	67	--	2
1,2-Dichloroethene, Total	ND		ug/kg	67	--	2
Dibromomethane	ND		ug/kg	130	--	2
1,2,3-Trichloropropane	ND		ug/kg	130	--	2
Styrene	ND		ug/kg	67	--	2
Dichlorodifluoromethane	ND		ug/kg	670	--	2
Acetone	ND		ug/kg	670	--	2
Carbon disulfide	ND		ug/kg	670	--	2
2-Butanone	ND		ug/kg	670	--	2
4-Methyl-2-pentanone	ND		ug/kg	670	--	2
2-Hexanone	ND		ug/kg	670	--	2
Bromochloromethane	ND		ug/kg	130	--	2
Tetrahydrofuran	ND		ug/kg	270	--	2
2,2-Dichloropropane	ND		ug/kg	130	--	2
1,2-Dibromoethane	ND		ug/kg	67	--	2
1,1,1,2-Tetrachloroethane	ND		ug/kg	34	--	2
Bromobenzene	ND		ug/kg	130	--	2
n-Butylbenzene	1900		ug/kg	67	--	2
sec-Butylbenzene	630		ug/kg	67	--	2
tert-Butylbenzene	ND		ug/kg	130	--	2
1,3,5-Trichlorobenzene	ND		ug/kg	130	--	2
o-Chlorotoluene	ND		ug/kg	130	--	2
p-Chlorotoluene	ND		ug/kg	130	--	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	--	2
Hexachlorobutadiene	ND		ug/kg	270	--	2
Isopropylbenzene	900		ug/kg	67	--	2
p-Isopropyltoluene	520		ug/kg	67	--	2
Naphthalene	8900		ug/kg	270	--	2
n-Propylbenzene	2700		ug/kg	67	--	2

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-05 D
Client ID: UST9-SW2B-9
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 08:45
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	130	--	2
1,2,4-Trichlorobenzene	ND		ug/kg	130	--	2
1,3,5-Trimethylbenzene	13000		ug/kg	130	--	2
1,2,4-Trimethylbenzene	40000	E	ug/kg	130	--	2
Ethyl ether	ND		ug/kg	130	--	2
Isopropyl Ether	ND		ug/kg	130	--	2
Tert-Butyl Alcohol	ND		ug/kg	1300	--	2
Ethyl-Tert-Butyl-Ether	ND		ug/kg	130	--	2
Tertiary-Amyl Methyl Ether	ND		ug/kg	130	--	2
1,4-Dioxane	ND		ug/kg	5400	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	140	Q	70-130
Dibromofluoromethane	87		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-06
 Client ID: UST9-SW3-9
 Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:10
 Date Received: 12/23/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 12/28/22 15:31
 Analyst: AJK
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	180	--	1
1,1-Dichloroethane	ND		ug/kg	36	--	1
Chloroform	ND		ug/kg	54	--	1
Carbon tetrachloride	ND		ug/kg	36	--	1
1,2-Dichloropropane	ND		ug/kg	36	--	1
Dibromochloromethane	ND		ug/kg	36	--	1
1,1,2-Trichloroethane	ND		ug/kg	36	--	1
Tetrachloroethene	ND		ug/kg	18	--	1
Chlorobenzene	ND		ug/kg	18	--	1
Trichlorofluoromethane	ND		ug/kg	140	--	1
1,2-Dichloroethane	ND		ug/kg	36	--	1
1,1,1-Trichloroethane	ND		ug/kg	18	--	1
Bromodichloromethane	ND		ug/kg	18	--	1
trans-1,3-Dichloropropene	ND		ug/kg	36	--	1
cis-1,3-Dichloropropene	ND		ug/kg	18	--	1
1,3-Dichloropropene, Total	ND		ug/kg	18	--	1
1,1-Dichloropropene	ND		ug/kg	18	--	1
Bromoform	ND		ug/kg	140	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	18	--	1
Benzene	ND		ug/kg	18	--	1
Toluene	150		ug/kg	36	--	1
Ethylbenzene	71		ug/kg	36	--	1
Chloromethane	ND		ug/kg	140	--	1
Bromomethane	ND		ug/kg	73	--	1
Vinyl chloride	ND		ug/kg	36	--	1
Chloroethane	ND		ug/kg	73	--	1
1,1-Dichloroethene	ND		ug/kg	36	--	1
trans-1,2-Dichloroethene	ND		ug/kg	54	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-06
Client ID: UST9-SW3-9
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:10
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	18	--	1
1,2-Dichlorobenzene	ND		ug/kg	73	--	1
1,3-Dichlorobenzene	ND		ug/kg	73	--	1
1,4-Dichlorobenzene	ND		ug/kg	73	--	1
Methyl tert butyl ether	ND		ug/kg	73	--	1
p/m-Xylene	520		ug/kg	73	--	1
o-Xylene	200		ug/kg	36	--	1
Xylenes, Total	720		ug/kg	36	--	1
cis-1,2-Dichloroethene	ND		ug/kg	36	--	1
1,2-Dichloroethene, Total	ND		ug/kg	36	--	1
Dibromomethane	ND		ug/kg	73	--	1
1,2,3-Trichloropropane	ND		ug/kg	73	--	1
Styrene	ND		ug/kg	36	--	1
Dichlorodifluoromethane	ND		ug/kg	360	--	1
Acetone	ND		ug/kg	360	--	1
Carbon disulfide	ND		ug/kg	360	--	1
2-Butanone	ND		ug/kg	360	--	1
4-Methyl-2-pentanone	ND		ug/kg	360	--	1
2-Hexanone	ND		ug/kg	360	--	1
Bromochloromethane	ND		ug/kg	73	--	1
Tetrahydrofuran	ND		ug/kg	140	--	1
2,2-Dichloropropane	ND		ug/kg	73	--	1
1,2-Dibromoethane	ND		ug/kg	36	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	18	--	1
Bromobenzene	ND		ug/kg	73	--	1
n-Butylbenzene	ND		ug/kg	36	--	1
sec-Butylbenzene	ND		ug/kg	36	--	1
tert-Butylbenzene	ND		ug/kg	73	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	73	--	1
o-Chlorotoluene	ND		ug/kg	73	--	1
p-Chlorotoluene	ND		ug/kg	73	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	110	--	1
Hexachlorobutadiene	ND		ug/kg	140	--	1
Isopropylbenzene	ND		ug/kg	36	--	1
p-Isopropyltoluene	ND		ug/kg	36	--	1
Naphthalene	ND		ug/kg	140	--	1
n-Propylbenzene	ND		ug/kg	36	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-06
Client ID: UST9-SW3-9
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:10
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	73	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	73	--	1
1,3,5-Trimethylbenzene	77		ug/kg	73	--	1
1,2,4-Trimethylbenzene	240		ug/kg	73	--	1
Ethyl ether	ND		ug/kg	73	--	1
Isopropyl Ether	ND		ug/kg	73	--	1
Tert-Butyl Alcohol	ND		ug/kg	730	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	73	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	73	--	1
1,4-Dioxane	ND		ug/kg	2900	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	91		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-07 D2
Client ID: UST9-SW3-4-9
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:00
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 11:02
Analyst: NLK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
p/m-Xylene	50000		ug/kg	1400	--	20
Xylenes, Total	77000		ug/kg	70	--	20
1,3,5-Trimethylbenzene	41000		ug/kg	1400	--	20
1,2,4-Trimethylbenzene	120000		ug/kg	1400	--	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-07 D

Date Collected: 12/22/22 12:00

Client ID: UST9-SW3-4-9

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 12/28/22 15:57

Analyst: AJK

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	350	--	2
1,1-Dichloroethane	ND		ug/kg	70	--	2
Chloroform	ND		ug/kg	100	--	2
Carbon tetrachloride	ND		ug/kg	70	--	2
1,2-Dichloropropane	ND		ug/kg	70	--	2
Dibromochloromethane	ND		ug/kg	70	--	2
1,1,2-Trichloroethane	ND		ug/kg	70	--	2
Tetrachloroethene	ND		ug/kg	35	--	2
Chlorobenzene	ND		ug/kg	35	--	2
Trichlorofluoromethane	ND		ug/kg	280	--	2
1,2-Dichloroethane	ND		ug/kg	70	--	2
1,1,1-Trichloroethane	ND		ug/kg	35	--	2
Bromodichloromethane	ND		ug/kg	35	--	2
trans-1,3-Dichloropropene	ND		ug/kg	70	--	2
cis-1,3-Dichloropropene	ND		ug/kg	35	--	2
1,3-Dichloropropene, Total	ND		ug/kg	35	--	2
1,1-Dichloropropene	ND		ug/kg	35	--	2
Bromoform	ND		ug/kg	280	--	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	35	--	2
Benzene	ND		ug/kg	35	--	2
Toluene	1400		ug/kg	70	--	2
Ethylbenzene	1200		ug/kg	70	--	2
Chloromethane	ND		ug/kg	280	--	2
Bromomethane	ND		ug/kg	140	--	2
Vinyl chloride	ND		ug/kg	70	--	2
Chloroethane	ND		ug/kg	140	--	2
1,1-Dichloroethene	ND		ug/kg	70	--	2
trans-1,2-Dichloroethene	ND		ug/kg	100	--	2

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-07 D

Date Collected: 12/22/22 12:00

Client ID: UST9-SW3-4-9

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	35	--	2
1,2-Dichlorobenzene	ND		ug/kg	140	--	2
1,3-Dichlorobenzene	ND		ug/kg	140	--	2
1,4-Dichlorobenzene	ND		ug/kg	140	--	2
Methyl tert butyl ether	ND		ug/kg	140	--	2
p/m-Xylene	43000	E	ug/kg	140	--	2
o-Xylene	27000		ug/kg	70	--	2
cis-1,2-Dichloroethene	ND		ug/kg	70	--	2
1,2-Dichloroethene, Total	ND		ug/kg	70	--	2
Dibromomethane	ND		ug/kg	140	--	2
1,2,3-Trichloropropane	ND		ug/kg	140	--	2
Styrene	ND		ug/kg	70	--	2
Dichlorodifluoromethane	ND		ug/kg	700	--	2
Acetone	ND		ug/kg	700	--	2
Carbon disulfide	ND		ug/kg	700	--	2
2-Butanone	ND		ug/kg	700	--	2
4-Methyl-2-pentanone	ND		ug/kg	700	--	2
2-Hexanone	ND		ug/kg	700	--	2
Bromochloromethane	ND		ug/kg	140	--	2
Tetrahydrofuran	ND		ug/kg	280	--	2
2,2-Dichloropropane	ND		ug/kg	140	--	2
1,2-Dibromoethane	ND		ug/kg	70	--	2
1,1,1,2-Tetrachloroethane	ND		ug/kg	35	--	2
Bromobenzene	ND		ug/kg	140	--	2
n-Butylbenzene	3000		ug/kg	70	--	2
sec-Butylbenzene	1200		ug/kg	70	--	2
tert-Butylbenzene	ND		ug/kg	140	--	2
1,3,5-Trichlorobenzene	ND		ug/kg	140	--	2
o-Chlorotoluene	ND		ug/kg	140	--	2
p-Chlorotoluene	ND		ug/kg	140	--	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	--	2
Hexachlorobutadiene	ND		ug/kg	280	--	2
Isopropylbenzene	840		ug/kg	70	--	2
p-Isopropyltoluene	1500		ug/kg	70	--	2
Naphthalene	12000		ug/kg	280	--	2
n-Propylbenzene	2100		ug/kg	70	--	2
1,2,3-Trichlorobenzene	ND		ug/kg	140	--	2

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-07 D
Client ID: UST9-SW3-4-9
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:00
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	140	--	2
1,3,5-Trimethylbenzene	37000	E	ug/kg	140	--	2
1,2,4-Trimethylbenzene	79000	E	ug/kg	140	--	2
Ethyl ether	ND		ug/kg	140	--	2
Isopropyl Ether	ND		ug/kg	140	--	2
Tert-Butyl Alcohol	ND		ug/kg	1400	--	2
Ethyl-Tert-Butyl-Ether	ND		ug/kg	140	--	2
Tertiary-Amyl Methyl Ether	ND		ug/kg	140	--	2
1,4-Dioxane	ND		ug/kg	5600	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	122		70-130
4-Bromofluorobenzene	198	Q	70-130
Dibromofluoromethane	85		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-08 D2
Client ID: UST9-B1-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 10:37
Analyst: NLK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
p/m-Xylene	690000		ug/kg	7700	--	100
Xylenes, Total	910000		ug/kg	390	--	100
1,3,5-Trimethylbenzene	180000		ug/kg	7700	--	100
1,2,4-Trimethylbenzene	610000		ug/kg	7700	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	91		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-08 D

Date Collected: 12/22/22 11:30

Client ID: UST9-B1-12

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 12/28/22 16:24

Analyst: AJK

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1900	--	10
1,1-Dichloroethane	ND		ug/kg	390	--	10
Chloroform	ND		ug/kg	580	--	10
Carbon tetrachloride	ND		ug/kg	390	--	10
1,2-Dichloropropane	ND		ug/kg	390	--	10
Dibromochloromethane	ND		ug/kg	390	--	10
1,1,2-Trichloroethane	ND		ug/kg	390	--	10
Tetrachloroethene	ND		ug/kg	190	--	10
Chlorobenzene	ND		ug/kg	190	--	10
Trichlorofluoromethane	ND		ug/kg	1500	--	10
1,2-Dichloroethane	ND		ug/kg	390	--	10
1,1,1-Trichloroethane	ND		ug/kg	190	--	10
Bromodichloromethane	ND		ug/kg	190	--	10
trans-1,3-Dichloropropene	ND		ug/kg	390	--	10
cis-1,3-Dichloropropene	ND		ug/kg	190	--	10
1,3-Dichloropropene, Total	ND		ug/kg	190	--	10
1,1-Dichloropropene	ND		ug/kg	190	--	10
Bromoform	ND		ug/kg	1500	--	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	--	10
Benzene	400		ug/kg	190	--	10
Toluene	89000		ug/kg	390	--	10
Ethylbenzene	88000		ug/kg	390	--	10
Chloromethane	ND		ug/kg	1500	--	10
Bromomethane	ND		ug/kg	770	--	10
Vinyl chloride	ND		ug/kg	390	--	10
Chloroethane	ND		ug/kg	770	--	10
1,1-Dichloroethene	ND		ug/kg	390	--	10
trans-1,2-Dichloroethene	ND		ug/kg	580	--	10

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-08 D

Date Collected: 12/22/22 11:30

Client ID: UST9-B1-12

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	190	--	10
1,2-Dichlorobenzene	ND		ug/kg	770	--	10
1,3-Dichlorobenzene	ND		ug/kg	770	--	10
1,4-Dichlorobenzene	ND		ug/kg	770	--	10
Methyl tert butyl ether	ND		ug/kg	770	--	10
p/m-Xylene	420000	E	ug/kg	770	--	10
o-Xylene	220000		ug/kg	390	--	10
cis-1,2-Dichloroethene	ND		ug/kg	390	--	10
1,2-Dichloroethene, Total	ND		ug/kg	390	--	10
Dibromomethane	ND		ug/kg	770	--	10
1,2,3-Trichloropropane	ND		ug/kg	770	--	10
Styrene	1100		ug/kg	390	--	10
Dichlorodifluoromethane	ND		ug/kg	3900	--	10
Acetone	ND		ug/kg	3900	--	10
Carbon disulfide	ND		ug/kg	3900	--	10
2-Butanone	ND		ug/kg	3900	--	10
4-Methyl-2-pentanone	ND		ug/kg	3900	--	10
2-Hexanone	ND		ug/kg	3900	--	10
Bromochloromethane	ND		ug/kg	770	--	10
Tetrahydrofuran	ND		ug/kg	1500	--	10
2,2-Dichloropropane	ND		ug/kg	770	--	10
1,2-Dibromoethane	ND		ug/kg	390	--	10
1,1,1,2-Tetrachloroethane	ND		ug/kg	190	--	10
Bromobenzene	ND		ug/kg	770	--	10
n-Butylbenzene	15000		ug/kg	390	--	10
sec-Butylbenzene	6700		ug/kg	390	--	10
tert-Butylbenzene	ND		ug/kg	770	--	10
1,3,5-Trichlorobenzene	ND		ug/kg	770	--	10
o-Chlorotoluene	ND		ug/kg	770	--	10
p-Chlorotoluene	ND		ug/kg	770	--	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	1200	--	10
Hexachlorobutadiene	ND		ug/kg	1500	--	10
Isopropylbenzene	20000		ug/kg	390	--	10
p-Isopropyltoluene	4000		ug/kg	390	--	10
Naphthalene	36000		ug/kg	1500	--	10
n-Propylbenzene	58000		ug/kg	390	--	10
1,2,3-Trichlorobenzene	ND		ug/kg	770	--	10

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-08 D
Client ID: UST9-B1-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	770	--	10
1,3,5-Trimethylbenzene	140000	E	ug/kg	770	--	10
1,2,4-Trimethylbenzene	340000	E	ug/kg	770	--	10
Ethyl ether	ND		ug/kg	770	--	10
Isopropyl Ether	ND		ug/kg	770	--	10
Tert-Butyl Alcohol	ND		ug/kg	7700	--	10
Ethyl-Tert-Butyl-Ether	ND		ug/kg	770	--	10
Tertiary-Amyl Methyl Ether	ND		ug/kg	770	--	10
1,4-Dioxane	ND		ug/kg	31000	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	141	Q	70-130
Dibromofluoromethane	85		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-09 D2
Client ID: UST9-B2-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:40
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 10:11
Analyst: NLK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by EPA 5035 High - Westborough Lab

p/m-Xylene	630000		ug/kg	9600	--	100
Xylenes, Total	860000		ug/kg	480	--	100
1,2,4-Trimethylbenzene	580000		ug/kg	9600	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	92		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-09 D

Date Collected: 12/22/22 11:40

Client ID: UST9-B2-12

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 12/28/22 16:50

Analyst: AJK

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	2400	--	10
1,1-Dichloroethane	ND		ug/kg	480	--	10
Chloroform	ND		ug/kg	720	--	10
Carbon tetrachloride	ND		ug/kg	480	--	10
1,2-Dichloropropane	ND		ug/kg	480	--	10
Dibromochloromethane	ND		ug/kg	480	--	10
1,1,2-Trichloroethane	ND		ug/kg	480	--	10
Tetrachloroethene	ND		ug/kg	240	--	10
Chlorobenzene	ND		ug/kg	240	--	10
Trichlorofluoromethane	ND		ug/kg	1900	--	10
1,2-Dichloroethane	ND		ug/kg	480	--	10
1,1,1-Trichloroethane	ND		ug/kg	240	--	10
Bromodichloromethane	ND		ug/kg	240	--	10
trans-1,3-Dichloropropene	ND		ug/kg	480	--	10
cis-1,3-Dichloropropene	ND		ug/kg	240	--	10
1,3-Dichloropropene, Total	ND		ug/kg	240	--	10
1,1-Dichloropropene	ND		ug/kg	240	--	10
Bromoform	ND		ug/kg	1900	--	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	240	--	10
Benzene	460		ug/kg	240	--	10
Toluene	55000		ug/kg	480	--	10
Ethylbenzene	72000		ug/kg	480	--	10
Chloromethane	ND		ug/kg	1900	--	10
Bromomethane	ND		ug/kg	960	--	10
Vinyl chloride	ND		ug/kg	480	--	10
Chloroethane	ND		ug/kg	960	--	10
1,1-Dichloroethene	ND		ug/kg	480	--	10
trans-1,2-Dichloroethene	ND		ug/kg	720	--	10

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-09 D

Date Collected: 12/22/22 11:40

Client ID: UST9-B2-12

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	240	--	10
1,2-Dichlorobenzene	ND		ug/kg	960	--	10
1,3-Dichlorobenzene	ND		ug/kg	960	--	10
1,4-Dichlorobenzene	ND		ug/kg	960	--	10
Methyl tert butyl ether	ND		ug/kg	960	--	10
p/m-Xylene	430000	E	ug/kg	960	--	10
o-Xylene	230000		ug/kg	480	--	10
cis-1,2-Dichloroethene	ND		ug/kg	480	--	10
1,2-Dichloroethene, Total	ND		ug/kg	480	--	10
Dibromomethane	ND		ug/kg	960	--	10
1,2,3-Trichloropropane	ND		ug/kg	960	--	10
Styrene	910		ug/kg	480	--	10
Dichlorodifluoromethane	ND		ug/kg	4800	--	10
Acetone	ND		ug/kg	4800	--	10
Carbon disulfide	ND		ug/kg	4800	--	10
2-Butanone	ND		ug/kg	4800	--	10
4-Methyl-2-pentanone	ND		ug/kg	4800	--	10
2-Hexanone	ND		ug/kg	4800	--	10
Bromochloromethane	ND		ug/kg	960	--	10
Tetrahydrofuran	ND		ug/kg	1900	--	10
2,2-Dichloropropane	ND		ug/kg	960	--	10
1,2-Dibromoethane	ND		ug/kg	480	--	10
1,1,1,2-Tetrachloroethane	ND		ug/kg	240	--	10
Bromobenzene	ND		ug/kg	960	--	10
n-Butylbenzene	13000		ug/kg	480	--	10
sec-Butylbenzene	5600		ug/kg	480	--	10
tert-Butylbenzene	ND		ug/kg	960	--	10
1,3,5-Trichlorobenzene	ND		ug/kg	960	--	10
o-Chlorotoluene	ND		ug/kg	960	--	10
p-Chlorotoluene	ND		ug/kg	960	--	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	1400	--	10
Hexachlorobutadiene	ND		ug/kg	1900	--	10
Isopropylbenzene	20000		ug/kg	480	--	10
p-Isopropyltoluene	3300		ug/kg	480	--	10
Naphthalene	35000		ug/kg	1900	--	10
n-Propylbenzene	52000		ug/kg	480	--	10
1,2,3-Trichlorobenzene	ND		ug/kg	960	--	10

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-09 D
Client ID: UST9-B2-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:40
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	960	--	10
1,3,5-Trimethylbenzene	120000		ug/kg	960	--	10
1,2,4-Trimethylbenzene	330000	E	ug/kg	960	--	10
Ethyl ether	ND		ug/kg	960	--	10
Isopropyl Ether	ND		ug/kg	960	--	10
Tert-Butyl Alcohol	ND		ug/kg	9600	--	10
Ethyl-Tert-Butyl-Ether	ND		ug/kg	960	--	10
Tertiary-Amyl Methyl Ether	ND		ug/kg	960	--	10
1,4-Dioxane	ND		ug/kg	38000	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	85		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-10
 Client ID: UST9-B3-12
 Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:50
 Date Received: 12/23/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 12/28/22 17:16
 Analyst: AJK
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	210	--	1
1,1-Dichloroethane	ND		ug/kg	42	--	1
Chloroform	ND		ug/kg	62	--	1
Carbon tetrachloride	ND		ug/kg	42	--	1
1,2-Dichloropropane	ND		ug/kg	42	--	1
Dibromochloromethane	ND		ug/kg	42	--	1
1,1,2-Trichloroethane	ND		ug/kg	42	--	1
Tetrachloroethene	ND		ug/kg	21	--	1
Chlorobenzene	ND		ug/kg	21	--	1
Trichlorofluoromethane	ND		ug/kg	170	--	1
1,2-Dichloroethane	ND		ug/kg	42	--	1
1,1,1-Trichloroethane	ND		ug/kg	21	--	1
Bromodichloromethane	ND		ug/kg	21	--	1
trans-1,3-Dichloropropene	ND		ug/kg	42	--	1
cis-1,3-Dichloropropene	ND		ug/kg	21	--	1
1,3-Dichloropropene, Total	ND		ug/kg	21	--	1
1,1-Dichloropropene	ND		ug/kg	21	--	1
Bromoform	ND		ug/kg	170	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	21	--	1
Benzene	ND		ug/kg	21	--	1
Toluene	ND		ug/kg	42	--	1
Ethylbenzene	ND		ug/kg	42	--	1
Chloromethane	ND		ug/kg	170	--	1
Bromomethane	ND		ug/kg	83	--	1
Vinyl chloride	ND		ug/kg	42	--	1
Chloroethane	ND		ug/kg	83	--	1
1,1-Dichloroethene	ND		ug/kg	42	--	1
trans-1,2-Dichloroethene	ND		ug/kg	62	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-10
 Client ID: UST9-B3-12
 Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:50
 Date Received: 12/23/22
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	21	--	1
1,2-Dichlorobenzene	ND		ug/kg	83	--	1
1,3-Dichlorobenzene	ND		ug/kg	83	--	1
1,4-Dichlorobenzene	ND		ug/kg	83	--	1
Methyl tert butyl ether	ND		ug/kg	83	--	1
p/m-Xylene	240		ug/kg	83	--	1
o-Xylene	89		ug/kg	42	--	1
Xylenes, Total	330		ug/kg	42	--	1
cis-1,2-Dichloroethene	ND		ug/kg	42	--	1
1,2-Dichloroethene, Total	ND		ug/kg	42	--	1
Dibromomethane	ND		ug/kg	83	--	1
1,2,3-Trichloropropane	ND		ug/kg	83	--	1
Styrene	ND		ug/kg	42	--	1
Dichlorodifluoromethane	ND		ug/kg	420	--	1
Acetone	ND		ug/kg	420	--	1
Carbon disulfide	ND		ug/kg	420	--	1
2-Butanone	ND		ug/kg	420	--	1
4-Methyl-2-pentanone	ND		ug/kg	420	--	1
2-Hexanone	ND		ug/kg	420	--	1
Bromochloromethane	ND		ug/kg	83	--	1
Tetrahydrofuran	ND		ug/kg	170	--	1
2,2-Dichloropropane	ND		ug/kg	83	--	1
1,2-Dibromoethane	ND		ug/kg	42	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	21	--	1
Bromobenzene	ND		ug/kg	83	--	1
n-Butylbenzene	ND		ug/kg	42	--	1
sec-Butylbenzene	ND		ug/kg	42	--	1
tert-Butylbenzene	ND		ug/kg	83	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	83	--	1
o-Chlorotoluene	ND		ug/kg	83	--	1
p-Chlorotoluene	ND		ug/kg	83	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	120	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Isopropylbenzene	ND		ug/kg	42	--	1
p-Isopropyltoluene	ND		ug/kg	42	--	1
Naphthalene	ND		ug/kg	170	--	1
n-Propylbenzene	ND		ug/kg	42	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-10
Client ID: UST9-B3-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:50
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	83	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	83	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	83	--	1
1,2,4-Trimethylbenzene	180		ug/kg	83	--	1
Ethyl ether	ND		ug/kg	83	--	1
Isopropyl Ether	ND		ug/kg	83	--	1
Tert-Butyl Alcohol	ND		ug/kg	830	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	83	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	83	--	1
1,4-Dioxane	ND		ug/kg	3300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	88		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-11
 Client ID: UST10-SW-COMP
 Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 08:40
 Date Received: 12/23/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 12/29/22 13:38
 Analyst: NLK
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	180	--	1
1,1-Dichloroethane	ND		ug/kg	36	--	1
Chloroform	ND		ug/kg	54	--	1
Carbon tetrachloride	ND		ug/kg	36	--	1
1,2-Dichloropropane	ND		ug/kg	36	--	1
Dibromochloromethane	ND		ug/kg	36	--	1
1,1,2-Trichloroethane	ND		ug/kg	36	--	1
Tetrachloroethene	ND		ug/kg	18	--	1
Chlorobenzene	ND		ug/kg	18	--	1
Trichlorofluoromethane	ND		ug/kg	140	--	1
1,2-Dichloroethane	ND		ug/kg	36	--	1
1,1,1-Trichloroethane	ND		ug/kg	18	--	1
Bromodichloromethane	ND		ug/kg	18	--	1
trans-1,3-Dichloropropene	ND		ug/kg	36	--	1
cis-1,3-Dichloropropene	ND		ug/kg	18	--	1
1,3-Dichloropropene, Total	ND		ug/kg	18	--	1
1,1-Dichloropropene	ND		ug/kg	18	--	1
Bromoform	ND		ug/kg	140	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	18	--	1
Benzene	ND		ug/kg	18	--	1
Toluene	ND		ug/kg	36	--	1
Ethylbenzene	ND		ug/kg	36	--	1
Chloromethane	ND		ug/kg	140	--	1
Bromomethane	ND		ug/kg	72	--	1
Vinyl chloride	ND		ug/kg	36	--	1
Chloroethane	ND		ug/kg	72	--	1
1,1-Dichloroethene	ND		ug/kg	36	--	1
trans-1,2-Dichloroethene	ND		ug/kg	54	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-11
Client ID: UST10-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 08:40
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	18	--	1
1,2-Dichlorobenzene	ND		ug/kg	72	--	1
1,3-Dichlorobenzene	ND		ug/kg	72	--	1
1,4-Dichlorobenzene	ND		ug/kg	72	--	1
Methyl tert butyl ether	ND		ug/kg	72	--	1
p/m-Xylene	83		ug/kg	72	--	1
o-Xylene	40		ug/kg	36	--	1
Xylenes, Total	120		ug/kg	36	--	1
cis-1,2-Dichloroethene	ND		ug/kg	36	--	1
1,2-Dichloroethene, Total	ND		ug/kg	36	--	1
Dibromomethane	ND		ug/kg	72	--	1
1,2,3-Trichloropropane	ND		ug/kg	72	--	1
Styrene	ND		ug/kg	36	--	1
Dichlorodifluoromethane	ND		ug/kg	360	--	1
Acetone	ND		ug/kg	360	--	1
Carbon disulfide	ND		ug/kg	360	--	1
2-Butanone	ND		ug/kg	360	--	1
4-Methyl-2-pentanone	ND		ug/kg	360	--	1
2-Hexanone	ND		ug/kg	360	--	1
Bromochloromethane	ND		ug/kg	72	--	1
Tetrahydrofuran	ND		ug/kg	140	--	1
2,2-Dichloropropane	ND		ug/kg	72	--	1
1,2-Dibromoethane	ND		ug/kg	36	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	18	--	1
Bromobenzene	ND		ug/kg	72	--	1
n-Butylbenzene	ND		ug/kg	36	--	1
sec-Butylbenzene	ND		ug/kg	36	--	1
tert-Butylbenzene	ND		ug/kg	72	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	72	--	1
o-Chlorotoluene	ND		ug/kg	72	--	1
p-Chlorotoluene	ND		ug/kg	72	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	110	--	1
Hexachlorobutadiene	ND		ug/kg	140	--	1
Isopropylbenzene	ND		ug/kg	36	--	1
p-Isopropyltoluene	ND		ug/kg	36	--	1
Naphthalene	ND		ug/kg	140	--	1
n-Propylbenzene	ND		ug/kg	36	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-11
Client ID: UST10-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 08:40
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	72	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	72	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	72	--	1
1,2,4-Trimethylbenzene	130		ug/kg	72	--	1
Ethyl ether	ND		ug/kg	72	--	1
Isopropyl Ether	ND		ug/kg	72	--	1
Tert-Butyl Alcohol	ND		ug/kg	720	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	72	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	72	--	1
1,4-Dioxane	ND		ug/kg	2900	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	90		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-12
Client ID: UST10-B-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 07:50
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 11:54
Analyst: NLK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	220	--	1
1,1-Dichloroethane	ND		ug/kg	44	--	1
Chloroform	ND		ug/kg	66	--	1
Carbon tetrachloride	ND		ug/kg	44	--	1
1,2-Dichloropropane	ND		ug/kg	44	--	1
Dibromochloromethane	ND		ug/kg	44	--	1
1,1,2-Trichloroethane	ND		ug/kg	44	--	1
Tetrachloroethene	ND		ug/kg	22	--	1
Chlorobenzene	ND		ug/kg	22	--	1
Trichlorofluoromethane	ND		ug/kg	170	--	1
1,2-Dichloroethane	ND		ug/kg	44	--	1
1,1,1-Trichloroethane	ND		ug/kg	22	--	1
Bromodichloromethane	ND		ug/kg	22	--	1
trans-1,3-Dichloropropene	ND		ug/kg	44	--	1
cis-1,3-Dichloropropene	ND		ug/kg	22	--	1
1,3-Dichloropropene, Total	ND		ug/kg	22	--	1
1,1-Dichloropropene	ND		ug/kg	22	--	1
Bromoform	ND		ug/kg	170	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	22	--	1
Benzene	ND		ug/kg	22	--	1
Toluene	ND		ug/kg	44	--	1
Ethylbenzene	ND		ug/kg	44	--	1
Chloromethane	ND		ug/kg	170	--	1
Bromomethane	ND		ug/kg	87	--	1
Vinyl chloride	ND		ug/kg	44	--	1
Chloroethane	ND		ug/kg	87	--	1
1,1-Dichloroethene	ND		ug/kg	44	--	1
trans-1,2-Dichloroethene	ND		ug/kg	66	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-12
 Client ID: UST10-B-12
 Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 07:50
 Date Received: 12/23/22
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	22	--	1
1,2-Dichlorobenzene	ND		ug/kg	87	--	1
1,3-Dichlorobenzene	ND		ug/kg	87	--	1
1,4-Dichlorobenzene	ND		ug/kg	87	--	1
Methyl tert butyl ether	ND		ug/kg	87	--	1
p/m-Xylene	ND		ug/kg	87	--	1
o-Xylene	ND		ug/kg	44	--	1
Xylenes, Total	ND		ug/kg	44	--	1
cis-1,2-Dichloroethene	ND		ug/kg	44	--	1
1,2-Dichloroethene, Total	ND		ug/kg	44	--	1
Dibromomethane	ND		ug/kg	87	--	1
1,2,3-Trichloropropane	ND		ug/kg	87	--	1
Styrene	ND		ug/kg	44	--	1
Dichlorodifluoromethane	ND		ug/kg	440	--	1
Acetone	ND		ug/kg	440	--	1
Carbon disulfide	ND		ug/kg	440	--	1
2-Butanone	ND		ug/kg	440	--	1
4-Methyl-2-pentanone	ND		ug/kg	440	--	1
2-Hexanone	ND		ug/kg	440	--	1
Bromochloromethane	ND		ug/kg	87	--	1
Tetrahydrofuran	ND		ug/kg	170	--	1
2,2-Dichloropropane	ND		ug/kg	87	--	1
1,2-Dibromoethane	ND		ug/kg	44	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	22	--	1
Bromobenzene	ND		ug/kg	87	--	1
n-Butylbenzene	ND		ug/kg	44	--	1
sec-Butylbenzene	ND		ug/kg	44	--	1
tert-Butylbenzene	ND		ug/kg	87	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	87	--	1
o-Chlorotoluene	ND		ug/kg	87	--	1
p-Chlorotoluene	ND		ug/kg	87	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	130	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Isopropylbenzene	ND		ug/kg	44	--	1
p-Isopropyltoluene	ND		ug/kg	44	--	1
Naphthalene	ND		ug/kg	170	--	1
n-Propylbenzene	ND		ug/kg	44	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-12
Client ID: UST10-B-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 07:50
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	87	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	87	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	87	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	87	--	1
Ethyl ether	ND		ug/kg	87	--	1
Isopropyl Ether	ND		ug/kg	87	--	1
Tert-Butyl Alcohol	ND		ug/kg	870	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	87	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	87	--	1
1,4-Dioxane	ND		ug/kg	3500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	91		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-13
Client ID: TRIP BLANK
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 00:00
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/28/22 18:08
Analyst: AJK
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	--	1
1,1-Dichloroethane	ND		ug/kg	50	--	1
Chloroform	ND		ug/kg	75	--	1
Carbon tetrachloride	ND		ug/kg	50	--	1
1,2-Dichloropropane	ND		ug/kg	50	--	1
Dibromochloromethane	ND		ug/kg	50	--	1
1,1,2-Trichloroethane	ND		ug/kg	50	--	1
Tetrachloroethene	ND		ug/kg	25	--	1
Chlorobenzene	ND		ug/kg	25	--	1
Trichlorofluoromethane	ND		ug/kg	200	--	1
1,2-Dichloroethane	ND		ug/kg	50	--	1
1,1,1-Trichloroethane	ND		ug/kg	25	--	1
Bromodichloromethane	ND		ug/kg	25	--	1
trans-1,3-Dichloropropene	ND		ug/kg	50	--	1
cis-1,3-Dichloropropene	ND		ug/kg	25	--	1
1,3-Dichloropropene, Total	ND		ug/kg	25	--	1
1,1-Dichloropropene	ND		ug/kg	25	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	--	1
Benzene	ND		ug/kg	25	--	1
Toluene	ND		ug/kg	50	--	1
Ethylbenzene	ND		ug/kg	50	--	1
Chloromethane	ND		ug/kg	200	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	50	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	50	--	1
trans-1,2-Dichloroethene	ND		ug/kg	75	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**SAMPLE RESULTS**

Lab ID: L2272484-13
Client ID: TRIP BLANK
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 00:00
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	25	--	1
1,2-Dichlorobenzene	ND		ug/kg	100	--	1
1,3-Dichlorobenzene	ND		ug/kg	100	--	1
1,4-Dichlorobenzene	ND		ug/kg	100	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1
p/m-Xylene	ND		ug/kg	100	--	1
o-Xylene	ND		ug/kg	50	--	1
Xylenes, Total	ND		ug/kg	50	--	1
cis-1,2-Dichloroethene	ND		ug/kg	50	--	1
1,2-Dichloroethene, Total	ND		ug/kg	50	--	1
Dibromomethane	ND		ug/kg	100	--	1
1,2,3-Trichloropropane	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	50	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	500	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	100	--	1
Tetrahydrofuran	ND		ug/kg	200	--	1
2,2-Dichloropropane	ND		ug/kg	100	--	1
1,2-Dibromoethane	ND		ug/kg	50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	--	1
Bromobenzene	ND		ug/kg	100	--	1
n-Butylbenzene	ND		ug/kg	50	--	1
sec-Butylbenzene	ND		ug/kg	50	--	1
tert-Butylbenzene	ND		ug/kg	100	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	100	--	1
o-Chlorotoluene	ND		ug/kg	100	--	1
p-Chlorotoluene	ND		ug/kg	100	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Isopropylbenzene	ND		ug/kg	50	--	1
p-Isopropyltoluene	ND		ug/kg	50	--	1
Naphthalene	ND		ug/kg	200	--	1
n-Propylbenzene	ND		ug/kg	50	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-13
Client ID: TRIP BLANK
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 00:00
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	100	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	100	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	100	--	1
Ethyl ether	ND		ug/kg	100	--	1
Isopropyl Ether	ND		ug/kg	100	--	1
Tert-Butyl Alcohol	ND		ug/kg	1000	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	--	1
1,4-Dioxane	ND		ug/kg	4000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	87		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 12/28/22 08:55
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,05-10,13 Batch: WG1728264-5					
Methylene chloride	ND		ug/kg	250	--
1,1-Dichloroethane	ND		ug/kg	50	--
Chloroform	ND		ug/kg	75	--
Carbon tetrachloride	ND		ug/kg	50	--
1,2-Dichloropropane	ND		ug/kg	50	--
Dibromochloromethane	ND		ug/kg	50	--
1,1,2-Trichloroethane	ND		ug/kg	50	--
Tetrachloroethene	ND		ug/kg	25	--
Chlorobenzene	ND		ug/kg	25	--
Trichlorofluoromethane	ND		ug/kg	200	--
1,2-Dichloroethane	ND		ug/kg	50	--
1,1,1-Trichloroethane	ND		ug/kg	25	--
Bromodichloromethane	ND		ug/kg	25	--
trans-1,3-Dichloropropene	ND		ug/kg	50	--
cis-1,3-Dichloropropene	ND		ug/kg	25	--
1,3-Dichloropropene, Total	ND		ug/kg	25	--
1,1-Dichloropropene	ND		ug/kg	25	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	--
Benzene	ND		ug/kg	25	--
Toluene	ND		ug/kg	50	--
Ethylbenzene	ND		ug/kg	50	--
Chloromethane	ND		ug/kg	200	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	50	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	50	--
trans-1,2-Dichloroethene	ND		ug/kg	75	--
Trichloroethene	ND		ug/kg	25	--

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/28/22 08:55
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,05-10,13 Batch: WG1728264-5					
1,2-Dichlorobenzene	ND		ug/kg	100	--
1,3-Dichlorobenzene	ND		ug/kg	100	--
1,4-Dichlorobenzene	ND		ug/kg	100	--
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	100	--
o-Xylene	ND		ug/kg	50	--
Xylenes, Total	ND		ug/kg	50	--
cis-1,2-Dichloroethene	ND		ug/kg	50	--
1,2-Dichloroethene, Total	ND		ug/kg	50	--
Dibromomethane	ND		ug/kg	100	--
1,2,3-Trichloropropane	ND		ug/kg	100	--
Styrene	ND		ug/kg	50	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	500	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	100	--
Tetrahydrofuran	ND		ug/kg	200	--
2,2-Dichloropropane	ND		ug/kg	100	--
1,2-Dibromoethane	ND		ug/kg	50	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	--
Bromobenzene	ND		ug/kg	100	--
n-Butylbenzene	ND		ug/kg	50	--
sec-Butylbenzene	ND		ug/kg	50	--
tert-Butylbenzene	ND		ug/kg	100	--
1,3,5-Trichlorobenzene	ND		ug/kg	100	--
o-Chlorotoluene	ND		ug/kg	100	--

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/28/22 08:55
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,05-10,13 Batch: WG1728264-5					
p-Chlorotoluene	ND		ug/kg	100	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	--
Hexachlorobutadiene	ND		ug/kg	200	--
Isopropylbenzene	ND		ug/kg	50	--
p-Isopropyltoluene	ND		ug/kg	50	--
Naphthalene	ND		ug/kg	200	--
n-Propylbenzene	ND		ug/kg	50	--
1,2,3-Trichlorobenzene	ND		ug/kg	100	--
1,2,4-Trichlorobenzene	ND		ug/kg	100	--
1,3,5-Trimethylbenzene	ND		ug/kg	100	--
1,2,4-Trimethylbenzene	ND		ug/kg	100	--
Ethyl ether	ND		ug/kg	100	--
Isopropyl Ether	ND		ug/kg	100	--
Tert-Butyl Alcohol	ND		ug/kg	1000	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	--
1,4-Dioxane	ND		ug/kg	4000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	89		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 12/29/22 08:53
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-05,07-09,11-12 Batch: WG1728918-5					
Methylene chloride	ND		ug/kg	250	--
1,1-Dichloroethane	ND		ug/kg	50	--
Chloroform	ND		ug/kg	75	--
Carbon tetrachloride	ND		ug/kg	50	--
1,2-Dichloropropane	ND		ug/kg	50	--
Dibromochloromethane	ND		ug/kg	50	--
1,1,2-Trichloroethane	ND		ug/kg	50	--
Tetrachloroethene	ND		ug/kg	25	--
Chlorobenzene	ND		ug/kg	25	--
Trichlorofluoromethane	ND		ug/kg	200	--
1,2-Dichloroethane	ND		ug/kg	50	--
1,1,1-Trichloroethane	ND		ug/kg	25	--
Bromodichloromethane	ND		ug/kg	25	--
trans-1,3-Dichloropropene	ND		ug/kg	50	--
cis-1,3-Dichloropropene	ND		ug/kg	25	--
1,3-Dichloropropene, Total	ND		ug/kg	25	--
1,1-Dichloropropene	ND		ug/kg	25	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	--
Benzene	ND		ug/kg	25	--
Toluene	ND		ug/kg	50	--
Ethylbenzene	ND		ug/kg	50	--
Chloromethane	ND		ug/kg	200	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	50	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	50	--
trans-1,2-Dichloroethene	ND		ug/kg	75	--
Trichloroethene	ND		ug/kg	25	--

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D

Analytical Date: 12/29/22 08:53

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-05,07-09,11-12 Batch: WG1728918-5					
1,2-Dichlorobenzene	ND		ug/kg	100	--
1,3-Dichlorobenzene	ND		ug/kg	100	--
1,4-Dichlorobenzene	ND		ug/kg	100	--
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	100	--
o-Xylene	ND		ug/kg	50	--
Xylenes, Total	ND		ug/kg	50	--
cis-1,2-Dichloroethene	ND		ug/kg	50	--
1,2-Dichloroethene, Total	ND		ug/kg	50	--
Dibromomethane	ND		ug/kg	100	--
1,2,3-Trichloropropane	ND		ug/kg	100	--
Styrene	ND		ug/kg	50	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	500	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	100	--
Tetrahydrofuran	ND		ug/kg	200	--
2,2-Dichloropropane	ND		ug/kg	100	--
1,2-Dibromoethane	ND		ug/kg	50	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	--
Bromobenzene	ND		ug/kg	100	--
n-Butylbenzene	ND		ug/kg	50	--
sec-Butylbenzene	ND		ug/kg	50	--
tert-Butylbenzene	ND		ug/kg	100	--
1,3,5-Trichlorobenzene	ND		ug/kg	100	--
o-Chlorotoluene	ND		ug/kg	100	--

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/29/22 08:53
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-05,07-09,11-12 Batch: WG1728918-5					
p-Chlorotoluene	ND		ug/kg	100	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	--
Hexachlorobutadiene	ND		ug/kg	200	--
Isopropylbenzene	ND		ug/kg	50	--
p-Isopropyltoluene	ND		ug/kg	50	--
Naphthalene	ND		ug/kg	200	--
n-Propylbenzene	ND		ug/kg	50	--
1,2,3-Trichlorobenzene	ND		ug/kg	100	--
1,2,4-Trichlorobenzene	ND		ug/kg	100	--
1,3,5-Trimethylbenzene	ND		ug/kg	100	--
1,2,4-Trimethylbenzene	ND		ug/kg	100	--
Ethyl ether	ND		ug/kg	100	--
Isopropyl Ether	ND		ug/kg	100	--
Tert-Butyl Alcohol	ND		ug/kg	1000	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	--
1,4-Dioxane	ND		ug/kg	4000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,05-10,13 Batch: WG1728264-3 WG1728264-4								
Methylene chloride	80		79		70-130	1		30
1,1-Dichloroethane	102		98		70-130	4		30
Chloroform	86		84		70-130	2		30
Carbon tetrachloride	85		80		70-130	6		30
1,2-Dichloropropane	100		99		70-130	1		30
Dibromochloromethane	83		82		70-130	1		30
1,1,2-Trichloroethane	99		100		70-130	1		30
Tetrachloroethene	87		82		70-130	6		30
Chlorobenzene	90		87		70-130	3		30
Trichlorofluoromethane	88		82		70-139	7		30
1,2-Dichloroethane	91		90		70-130	1		30
1,1,1-Trichloroethane	90		86		70-130	5		30
Bromodichloromethane	85		84		70-130	1		30
trans-1,3-Dichloropropene	105		105		70-130	0		30
cis-1,3-Dichloropropene	94		93		70-130	1		30
1,1-Dichloropropene	103		98		70-130	5		30
Bromoform	80		82		70-130	2		30
1,1,2,2-Tetrachloroethane	106		107		70-130	1		30
Benzene	94		91		70-130	3		30
Toluene	97		93		70-130	4		30
Ethylbenzene	101		97		70-130	4		30
Chloromethane	121		114		52-130	6		30
Bromomethane	91		87		57-147	4		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,05-10,13 Batch: WG1728264-3 WG1728264-4								
Vinyl chloride	107		101		67-130	6		30
Chloroethane	99		95		50-151	4		30
1,1-Dichloroethene	92		87		65-135	6		30
trans-1,2-Dichloroethene	86		82		70-130	5		30
Trichloroethene	87		84		70-130	4		30
1,2-Dichlorobenzene	89		88		70-130	1		30
1,3-Dichlorobenzene	91		89		70-130	2		30
1,4-Dichlorobenzene	90		88		70-130	2		30
Methyl tert butyl ether	92		92		66-130	0		30
p/m-Xylene	97		92		70-130	5		30
o-Xylene	95		91		70-130	4		30
cis-1,2-Dichloroethene	83		81		70-130	2		30
Dibromomethane	79		80		70-130	1		30
1,2,3-Trichloropropane	110		112		68-130	2		30
Styrene	92		90		70-130	2		30
Dichlorodifluoromethane	92		86		30-146	7		30
Acetone	102		104		54-140	2		30
Carbon disulfide	90		86		59-130	5		30
2-Butanone	101		103		70-130	2		30
4-Methyl-2-pentanone	106		108		70-130	2		30
2-Hexanone	119		121		70-130	2		30
Bromochloromethane	71		71		70-130	0		30
Tetrahydrofuran	115		121		66-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,05-10,13 Batch: WG1728264-3 WG1728264-4								
2,2-Dichloropropane	96		91		70-130	5		30
1,2-Dibromoethane	89		90		70-130	1		30
1,1,1,2-Tetrachloroethane	84		83		70-130	1		30
Bromobenzene	86		84		70-130	2		30
n-Butylbenzene	118		112		70-130	5		30
sec-Butylbenzene	111		105		70-130	6		30
tert-Butylbenzene	102		98		70-130	4		30
1,3,5-Trichlorobenzene	89		86		70-139	3		30
o-Chlorotoluene	110		107		70-130	3		30
p-Chlorotoluene	109		106		70-130	3		30
1,2-Dibromo-3-chloropropane	73		77		68-130	5		30
Hexachlorobutadiene	86		82		67-130	5		30
Isopropylbenzene	107		102		70-130	5		30
p-Isopropyltoluene	104		100		70-130	4		30
Naphthalene	90		90		70-130	0		30
n-Propylbenzene	116		111		70-130	4		30
1,2,3-Trichlorobenzene	85		84		70-130	1		30
1,2,4-Trichlorobenzene	87		86		70-130	1		30
1,3,5-Trimethylbenzene	106		102		70-130	4		30
1,2,4-Trimethylbenzene	105		101		70-130	4		30
Ethyl ether	95		95		67-130	0		30
Isopropyl Ether	124		122		66-130	2		30
Tert-Butyl Alcohol	91		94		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,05-10,13 Batch: WG1728264-3 WG1728264-4								
Ethyl-Tert-Butyl-Ether	104		104		70-130	0		30
Tertiary-Amyl Methyl Ether	93		93		70-130	0		30
1,4-Dioxane	85		87		65-136	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	112		113		70-130
4-Bromofluorobenzene	120		120		70-130
Dibromofluoromethane	88		89		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-05,07-09,11-12 Batch: WG1728918-3 WG1728918-4								
Methylene chloride	91		90		70-130	1		30
1,1-Dichloroethane	99		99		70-130	0		30
Chloroform	92		92		70-130	0		30
Carbon tetrachloride	100		100		70-130	0		30
1,2-Dichloropropane	97		98		70-130	1		30
Dibromochloromethane	96		96		70-130	0		30
1,1,2-Trichloroethane	87		88		70-130	1		30
Tetrachloroethene	111		111		70-130	0		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	109		110		70-139	1		30
1,2-Dichloroethane	95		94		70-130	1		30
1,1,1-Trichloroethane	100		100		70-130	0		30
Bromodichloromethane	92		92		70-130	0		30
trans-1,3-Dichloropropene	94		95		70-130	1		30
cis-1,3-Dichloropropene	93		93		70-130	0		30
1,1-Dichloropropene	103		102		70-130	1		30
Bromoform	96		98		70-130	2		30
1,1,2,2-Tetrachloroethane	86		86		70-130	0		30
Benzene	96		96		70-130	0		30
Toluene	97		98		70-130	1		30
Ethylbenzene	97		98		70-130	1		30
Chloromethane	89		87		52-130	2		30
Bromomethane	106		101		57-147	5		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-05,07-09,11-12 Batch: WG1728918-3 WG1728918-4								
Vinyl chloride	99		95		67-130	4		30
Chloroethane	91		89		50-151	2		30
1,1-Dichloroethene	100		99		65-135	1		30
trans-1,2-Dichloroethene	97		96		70-130	1		30
Trichloroethene	94		95		70-130	1		30
1,2-Dichlorobenzene	94		95		70-130	1		30
1,3-Dichlorobenzene	94		97		70-130	3		30
1,4-Dichlorobenzene	95		96		70-130	1		30
Methyl tert butyl ether	96		95		66-130	1		30
p/m-Xylene	98		99		70-130	1		30
o-Xylene	98		97		70-130	1		30
cis-1,2-Dichloroethene	94		94		70-130	0		30
Dibromomethane	92		91		70-130	1		30
1,2,3-Trichloropropane	90		88		68-130	2		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	100		96		30-146	4		30
Acetone	81		79		54-140	3		30
Carbon disulfide	96		95		59-130	1		30
2-Butanone	77		75		70-130	3		30
4-Methyl-2-pentanone	84		84		70-130	0		30
2-Hexanone	75		74		70-130	1		30
Bromochloromethane	97		97		70-130	0		30
Tetrahydrofuran	80		78		66-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-05,07-09,11-12 Batch: WG1728918-3 WG1728918-4								
2,2-Dichloropropane	99		99		70-130	0		30
1,2-Dibromoethane	93		93		70-130	0		30
1,1,1,2-Tetrachloroethane	96		98		70-130	2		30
Bromobenzene	92		93		70-130	1		30
n-Butylbenzene	98		100		70-130	2		30
sec-Butylbenzene	96		97		70-130	1		30
tert-Butylbenzene	95		97		70-130	2		30
1,3,5-Trichlorobenzene	104		106		70-139	2		30
o-Chlorotoluene	94		97		70-130	3		30
p-Chlorotoluene	94		95		70-130	1		30
1,2-Dibromo-3-chloropropane	90		89		68-130	1		30
Hexachlorobutadiene	114		118		67-130	3		30
Isopropylbenzene	94		96		70-130	2		30
p-Isopropyltoluene	98		100		70-130	2		30
Naphthalene	97		99		70-130	2		30
n-Propylbenzene	96		98		70-130	2		30
1,2,3-Trichlorobenzene	103		104		70-130	1		30
1,2,4-Trichlorobenzene	104		105		70-130	1		30
1,3,5-Trimethylbenzene	96		98		70-130	2		30
1,2,4-Trimethylbenzene	95		97		70-130	2		30
Ethyl ether	96		93		67-130	3		30
Isopropyl Ether	86		86		66-130	0		30
Tert-Butyl Alcohol	90		86		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-05,07-09,11-12 Batch: WG1728918-3 WG1728918-4								
Ethyl-Tert-Butyl-Ether	99		98		70-130	1		30
Tertiary-Amyl Methyl Ether	94		93		70-130	1		30
1,4-Dioxane	110		106		65-136	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		93		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	93		93		70-130

SEMIVOLATILES

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-01
Client ID: UST8-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 13:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E-SIM
Analytical Date: 01/09/23 10:15
Analyst: AH
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 12/31/22 15:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	6.9	--	1
2-Chloronaphthalene	ND		ug/kg	6.9	--	1
Fluoranthene	52		ug/kg	6.9	--	1
Naphthalene	ND		ug/kg	6.9	--	1
Benzo(a)anthracene	ND		ug/kg	6.9	--	1
Benzo(a)pyrene	ND		ug/kg	6.9	--	1
Benzo(b)fluoranthene	ND		ug/kg	6.9	--	1
Benzo(k)fluoranthene	ND		ug/kg	6.9	--	1
Chrysene	8.0		ug/kg	6.9	--	1
Acenaphthylene	ND		ug/kg	6.9	--	1
Anthracene	ND		ug/kg	6.9	--	1
Benzo(ghi)perylene	ND		ug/kg	6.9	--	1
Fluorene	ND		ug/kg	6.9	--	1
Phenanthrene	ND		ug/kg	6.9	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	6.9	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	6.9	--	1
Pyrene	240		ug/kg	6.9	--	1
1-Methylnaphthalene	ND		ug/kg	6.9	--	1
2-Methylnaphthalene	ND		ug/kg	6.9	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	75		18-120

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 01/09/23 09:26
Analyst: AH

Extraction Method: EPA 3546
Extraction Date: 12/31/22 15:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1729142-1					
Acenaphthene	ND		ug/kg	6.6	--
2-Chloronaphthalene	ND		ug/kg	6.6	--
Fluoranthene	ND		ug/kg	6.6	--
Naphthalene	ND		ug/kg	6.6	--
Benzo(a)anthracene	ND		ug/kg	6.6	--
Benzo(a)pyrene	ND		ug/kg	6.6	--
Benzo(b)fluoranthene	ND		ug/kg	6.6	--
Benzo(k)fluoranthene	ND		ug/kg	6.6	--
Chrysene	ND		ug/kg	6.6	--
Acenaphthylene	ND		ug/kg	6.6	--
Anthracene	ND		ug/kg	6.6	--
Benzo(ghi)perylene	ND		ug/kg	6.6	--
Fluorene	ND		ug/kg	6.6	--
Phenanthrene	ND		ug/kg	6.6	--
Dibenzo(a,h)anthracene	ND		ug/kg	6.6	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	6.6	--
Pyrene	ND		ug/kg	6.6	--
1-Methylnaphthalene	ND		ug/kg	6.6	--
2-Methylnaphthalene	ND		ug/kg	6.6	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1729142-2 WG1729142-3								
Acenaphthene	78		83		40-140	6		50
2-Chloronaphthalene	89		92		40-140	3		50
Fluoranthene	84		95		40-140	12		50
Naphthalene	77		83		40-140	8		50
Benzo(a)anthracene	98		103		40-140	5		50
Benzo(a)pyrene	99		104		40-140	5		50
Benzo(b)fluoranthene	86		88		40-140	2		50
Benzo(k)fluoranthene	84		87		40-140	4		50
Chrysene	76		80		40-140	5		50
Acenaphthylene	102		105		40-140	3		50
Anthracene	86		92		40-140	7		50
Benzo(ghi)perylene	98		104		40-140	6		50
Fluorene	83		89		40-140	7		50
Phenanthrene	80		85		40-140	6		50
Dibenzo(a,h)anthracene	115		121		40-140	5		50
Indeno(1,2,3-cd)pyrene	126		132		40-140	5		50
Pyrene	83		95		35-142	13		50
1-Methylnaphthalene	84		88		40-140	5		50
2-Methylnaphthalene	84		87		40-140	4		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1729142-2 WG1729142-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	97		103		23-120
2-Fluorobiphenyl	76		78		30-120
4-Terphenyl-d14	71		82		18-120

PETROLEUM HYDROCARBONS

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-01 D
Client ID: UST8-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 13:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 01/03/23 18:43
Analyst: SC
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 12/30/22 00:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH (C10-C36)	2050000		ug/kg	170000	--	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	104			40-140		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-02
Client ID: UST9-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/23/22 11:45
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 12:15
Analyst: BAD
Percent Solids: 92%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	1700	--	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	95			70-130		
4-Bromofluorobenzene	82			70-130		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-03
Client ID: UST10-PP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/23/22 12:00
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 12:46
Analyst: BAD
Percent Solids: 93%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	1700	--	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	105			70-130		
4-Bromofluorobenzene	91			70-130		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-04
Client ID: UST9-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 13:16
Analyst: BAD
Percent Solids: 93%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/kg	1700	--	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	109		70-130
4-Bromofluorobenzene	95		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-05 D
Client ID: UST9-SW2B-9
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 08:45
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 15:48
Analyst: BAD
Percent Solids: 96%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	490000		ug/kg	31000	--	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	115		70-130
4-Bromofluorobenzene	100		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-06
Client ID: UST9-SW3-9
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:10
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 15:18
Analyst: BAD
Percent Solids: 91%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	1900		ug/kg	1600	--	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	111			70-130		
4-Bromofluorobenzene	95			70-130		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-07 D
Client ID: UST9-SW3-4-9
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:00
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 16:19
Analyst: BAD
Percent Solids: 94%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	970000		ug/kg	32000	--	20
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	116		70-130
4-Bromofluorobenzene	107		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-08 D
Client ID: UST9-B1-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:30
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 16:50
Analyst: BAD
Percent Solids: 91%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	4400000		ug/kg	170000	--	100
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	114		70-130
4-Bromofluorobenzene	100		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-09 D
Client ID: UST9-B2-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:40
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 17:20
Analyst: BAD
Percent Solids: 84%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	3500000		ug/kg	190000	--	100
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	114		70-130
4-Bromofluorobenzene	100		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-10
Client ID: UST9-B3-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:50
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 14:17
Analyst: BAD
Percent Solids: 87%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		ug/kg	1700	--	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	93		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-11
Client ID: UST10-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 08:40
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 13:47
Analyst: BAD
Percent Solids: 94%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	1600	--	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	101			70-130		
4-Bromofluorobenzene	89			70-130		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-12
Client ID: UST10-B-12
Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 07:50
Date Received: 12/23/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 14:48
Analyst: BAD
Percent Solids: 84%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
---	--	--	--	--	--	--

Gasoline Range Organics	ND		ug/kg	1700	--	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	93		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 11:14
Analyst: SR

Extraction Method: EPA 3546
Extraction Date: 12/30/22 00:48

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 01 Batch: WG1728685-1					
TPH (C10-C36)	ND		ug/kg	31400	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74		40-140

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
 Analytical Date: 12/30/22 11:01
 Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 02-12 Batch: WG1728983-10					
Gasoline Range Organics	ND		ug/kg	2500	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	89		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01 Batch: WG1728685-2								
TPH (C10-C36)	69		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	73				40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02-12 Batch: WG1728983-8 WG1728983-9								
Gasoline Range Organics	83		89		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	97		109		70-130
4-Bromofluorobenzene	81		95		70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1728685-3 QC Sample: L2272484-01 Client ID: UST8-PP-COMP						
TPH (C10-C36)	2050000	2160000	ug/kg	19		40

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	104		103		40-140

INORGANICS & MISCELLANEOUS

Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-01

Client ID: UST8-PP-COMP

Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 13:30

Date Received: 12/23/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-02

Date Collected: 12/23/22 11:45

Client ID: UST9-PP-COMP

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-03

Date Collected: 12/23/22 12:00

Client ID: UST10-PP-COMP

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Lab Number: L2272484

Project Number: 181.05022.015

Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-04

Date Collected: 12/22/22 12:30

Client ID: UST9-SW-COMP

Date Received: 12/23/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-05

Client ID: UST9-SW2B-9

Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 08:45

Date Received: 12/23/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272484**Report Date:** 01/10/23**SAMPLE RESULTS****Lab ID:** L2272484-06**Client ID:** UST9-SW3-9**Sample Location:** WINCHESTER, NH**Date Collected:** 12/22/22 12:10**Date Received:** 12/23/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-07

Client ID: UST9-SW3-4-9

Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 12:00

Date Received: 12/23/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272484**Report Date:** 01/10/23**SAMPLE RESULTS****Lab ID:** L2272484-08**Client ID:** UST9-B1-12**Sample Location:** WINCHESTER, NH**Date Collected:** 12/22/22 11:30**Date Received:** 12/23/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272484**Report Date:** 01/10/23**SAMPLE RESULTS****Lab ID:** L2272484-09**Client ID:** UST9-B2-12**Sample Location:** WINCHESTER, NH**Date Collected:** 12/22/22 11:40**Date Received:** 12/23/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-10

Client ID: UST9-B3-12

Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 11:50

Date Received: 12/23/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	12/28/22 11:28	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-11

Client ID: UST10-SW-COMP

Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 08:40

Date Received: 12/23/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	12/28/22 11:47	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272484

Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2272484-12

Client ID: UST10-B-12

Sample Location: WINCHESTER, NH

Date Collected: 12/22/22 07:50

Date Received: 12/23/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	12/28/22 11:47	121,2540G	RI



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272484**Report Date:** 01/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1727963-1 QC Sample: L2272484-01 Client ID: UST8-PP-COMP						
Solids, Total	95.0	94.9	%	0		20

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Serial_No:01102311:13
Lab Number: L2272484
Report Date: 01/10/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2272484-01A	Vial MeOH preserved	A	NA		2.1	Y	Absent		8260H-NH(14)
L2272484-01B	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2272484-01C	Glass 250ml/8oz unpreserved	A	NA		2.1	Y	Absent		PAHTCL-SIM(14),TPH-DRO-D(14)
L2272484-02X	Vial MeOH preserved split	A	NA		2.1	Y	Absent		8260H-NH(14),TPH-GRO(14)
L2272484-02Y	Plastic 120ml unpreserved split	A	NA		2.1	Y	Absent		HOLD-WETCHEM(),TS(7)
L2272484-03X	Vial MeOH preserved split	A	NA		2.1	Y	Absent		8260H-NH(14),TPH-GRO(14)
L2272484-03Y	Plastic 120ml unpreserved split	A	NA		2.1	Y	Absent		TS(7)
L2272484-04X	Vial MeOH preserved split	A	NA		2.1	Y	Absent		TPH-GRO(14),8260H-NH(14)
L2272484-04Y	Plastic 120ml unpreserved split	A	NA		2.1	Y	Absent		TS(7)
L2272484-05A	Vial MeOH preserved	A	NA		2.1	Y	Absent		TPH-GRO(14),8260H-NH(14)
L2272484-05B	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2272484-06A	Vial MeOH preserved	A	NA		2.1	Y	Absent		8260H-NH(14),TPH-GRO(14)
L2272484-06B	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2272484-07A	Vial MeOH preserved	A	NA		2.1	Y	Absent		8260H-NH(14),TPH-GRO(14)
L2272484-07B	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2272484-08A	Vial MeOH preserved	A	NA		2.1	Y	Absent		TPH-GRO(14),8260H-NH(14)
L2272484-08B	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2272484-09A	Vial MeOH preserved	A	NA		2.1	Y	Absent		TPH-GRO(14),8260H-NH(14)
L2272484-09B	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2272484-10A	Vial MeOH preserved	A	NA		2.1	Y	Absent		8260H-NH(14),TPH-GRO(14)
L2272484-10B	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2272484-11X	Vial MeOH preserved split	A	NA		2.1	Y	Absent		TPH-GRO(14),8260H-NH(14)
L2272484-11Y	Plastic 120ml unpreserved split	A	NA		2.1	Y	Absent		TS(7)

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272484**Project Number:** 181.05022.015**Report Date:** 01/10/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2272484-12A	Vial MeOH preserved	A	NA		2.1	Y	Absent		8260H-NH(14),TPH-GRO(14)
L2272484-12B	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		TS(7)
L2272484-13A	Vial MeOH preserved	A	NA		2.1	Y	Absent		8260H-NH(14)
L2272484-13B	Vial MeOH preserved	A	NA		2.1	Y	Absent		8260H-NH(14)
L2272484-14A	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-14B	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-14C	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-14D	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-15A	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-15B	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-15C	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-15D	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-16A	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-16B	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-16C	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-16D	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-16E	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-16F	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-16G	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-16H	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-17A	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-17B	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-17C	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-17D	Vial MeOH preserved	A	NA		2.1	Y	Absent		COMP-VOA()
L2272484-17E	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-17F	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-17G	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()
L2272484-17H	Plastic 60ml unpreserved	A	NA		2.1	Y	Absent		COMP-S()

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Serial_No:01102311:13
Lab Number: L2272484
Report Date: 01/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
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Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272484
Report Date: 01/10/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 2

Date Rec'd in Lab: 12/23/22

ALPHA Job #: L2270484

8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Project Information

Project Name: J+G's Service Property

Report Information - Data Deliverables

☒ ADEX ☐ EMAIL

Billing Information

☒ Same as Client info PO #: 5140

Client Information

Client: Ransom Consulting LLC

Project Location: Winchester, NH

 Address: 112 Corporate Drive
Portsmouth, NH 03801

Project #: 181.05022.015

Project Manager: John Ouellette

Phone: 603-436-1490

ALPHA Quote #:

Email: j.ouellette@ransomenv.com

bonnie.best@ransomenv.com

Additional Project Information:

* - See Sub-Sample List - Please Composite

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☒ Other State /Fed Program DESMARE/ EPA Criteria Per SSQAAPP

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler Initials	ANALYSIS													TOTAL # BOTTLES
		Date	Time			VOC: ☒ 8260 ☐ 624 ☐ 524.2	SVOC: ☐ ABN ☐ PAH	METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15	EPH: ☐ RCRA5 ☐ RCRA8 ☐ PP13	VPH: ☐ Ranges & Targets ☐ Ranges Only	PCB: ☐ Ranges & Targets ☐ Ranges Only	TPH: ☐ Quant Only ☐ Fingerprint	TPH-GRO	PAH	TPH-DRO	SAMPLE INFO			
70484-01	UST8-PP-COMP	12-22-22	13:30	S	BB	☒							☒	☒		Filtration			2
-02	*UST9-PP-COMP	12-23-22	11:45			☒							☒			Field			2
-03	*UST10-PP-COMP	↓	12:00			☒							☒			Lab to do			2
-04	*UST9-SW-COMP	12-22-22	12:36			☒							☒			Preservation			4
-05	UST9-SW2B-9		9:45			☒							☒			Lab to do			1
-06	UST9-SW3-9		12:10			☒							☒						1
-07	UST9-SW3-4-9		12:00			☒							☒						1
-08	UST9-B1-12		11:30			☒							☒						1
-09	UST9-B2-12		11:40			☒							☒						1
-10	UST9-B3-12	↓	11:50	↓	↓	☒							☒						1

Container Type

P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative

A= None
B= HCl
C= HNO₃
D= H₂SO₄
E= NaOH
F= MeOH
G= NaHSO₄
H= Na₂S₂O₃
I= Ascorbic Acid
J= NH₄Cl
K= Zn Acetate
O= Other

Container Type

Preservative

V

F

VAA

FAA

Relinquished By:

Date/Time

Received By:

Date/Time

 Relinquished By: Tom Hessel
Date/Time: 12/23/22 16:37

 Received By: Tom Hessel
Date/Time: 12/23/22 16:37

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)



N. Andover, Massachusetts
 Providence, Rhode Island
 Portsmouth, New Hampshire
 Portland, Maine
 Hamilton, New Jersey
 Wenonah, New Jersey

978-465-1822
 401-433-2160
 603-436-1490
 207-772-2891
 609-584-0090
 856-464-0224

PROJECT NO. _____ SITE _____
 SHEET NO. _____ OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE _____

Ransom Project: 181-05022.015
 J+Gs Service Property

Please Composite the following Sub-Samples:

Sample ID = UST9-PP-COMP 12-23-22 11:45
 2 Sub-Samples:
 ① UST9-PP-COMP1 12-21-22 14:00
 ② UST9-PP2-COMP 12-23-22 11:00

Sample ID = UST10-PP-COMP 12-23-22 12:00
 2 Sub-Samples:
 ① UST10-PP-COMP1 12-21-22 15:00
 ② UST10-PP2-COMP 12-23-22 11:10

Sample ID = UST9-SW-COMP 12-22-22 12:30
 4 Sub-Samples:
 ① UST9-SW1-8 12-21-22 15:30
 ② UST9-SW2A-9 12-22-22 8:50
 ③ UST9-SW4A-9 12-21-22 14:30
 ④ UST9-SW4B-9 12-22-22 12:20

Sample ID = UST10-SW-COMP 12-22-22 8:40
 4 Sub-Samples:
 ① UST10-SW1-8 12-21-22 16:00
 ② UST10-SW2-9 12-22-22 8:00
 ③ UST10-SW3-9 8:15
 ④ UST10-SW4-9 8:30

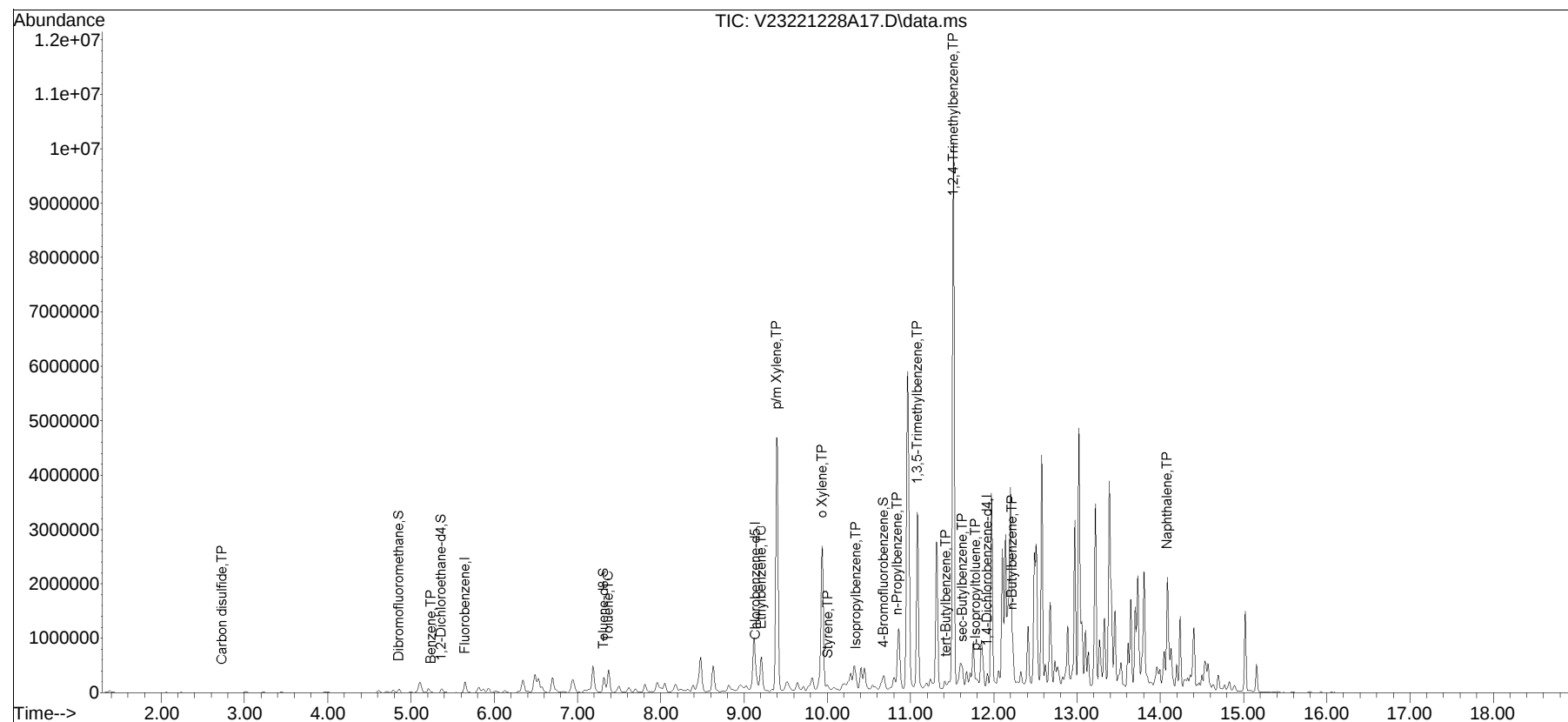
12-23-22
 403-953-6920

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA123\2022\221228A\
Data File : V23221228A17.D
Acq On : 28 Dec 2022 03:05 pm
Operator : VOA123:AJK
Sample : L2272484-05D,31H,24.91,15,0.05,,A
Misc : WG1728264,ICAL19503
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 28 16:44:33 2022
Quant Method : I:\VOLATILES\VOA123\2022\221228A\V123_221117A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Nov 18 09:41:43 2022
Response via : Initial Calibration

Sub List : 8260-NH - 8260 NH sublist022\221228A\V23221228A02.D•

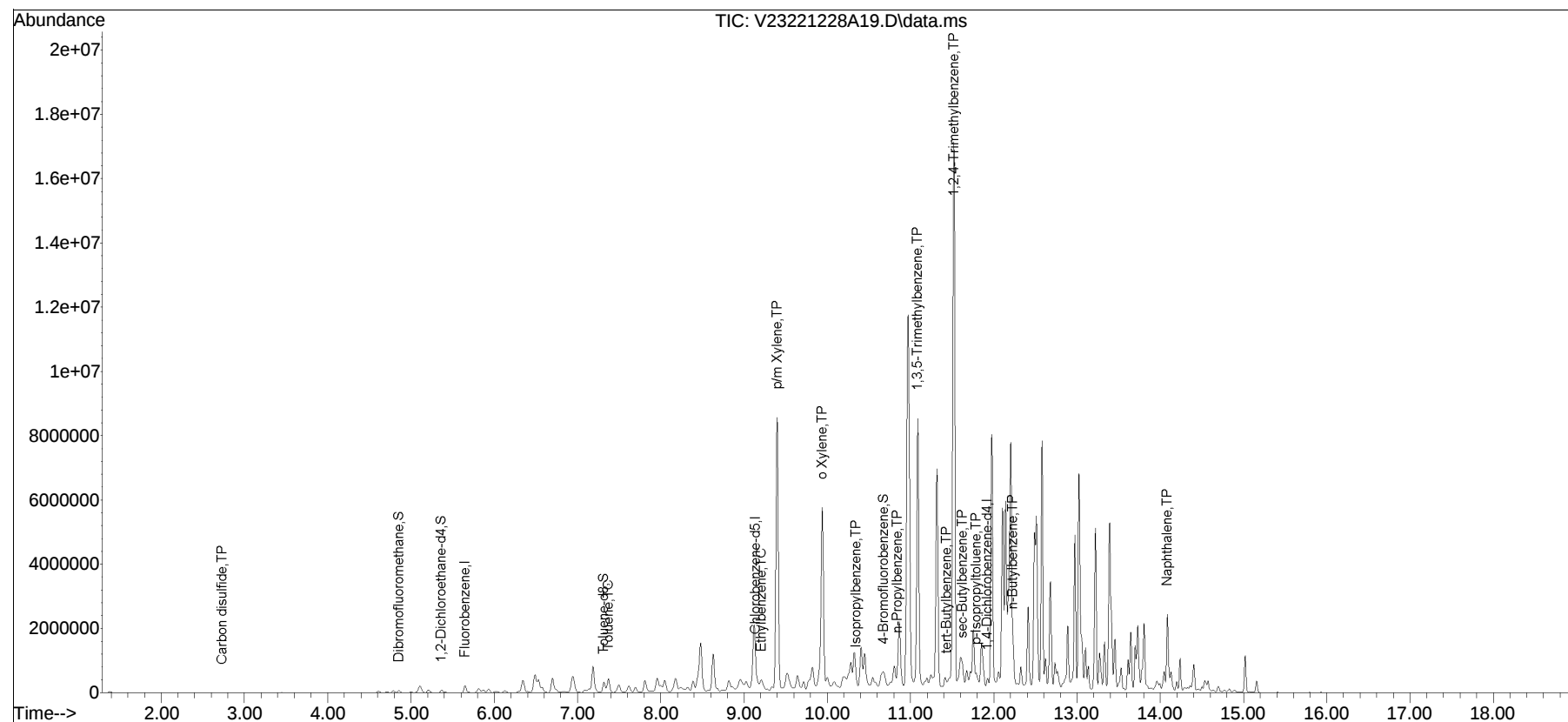


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA123\2022\221228A\
Data File : V23221228A19.D
Acq On : 28 Dec 2022 03:57 pm
Operator : VOA123:AJK
Sample : L2272484-07D,31H,24.70,15,0.05,,A
Misc : WG1728264,ICAL19503
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 28 16:47:18 2022
Quant Method : I:\VOLATILES\VOA123\2022\221228A\V123_221117A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Nov 18 09:41:43 2022
Response via : Initial Calibration

Sub List : 8260-NH - 8260 NH sublist022\221228A\V23221228A02.D•

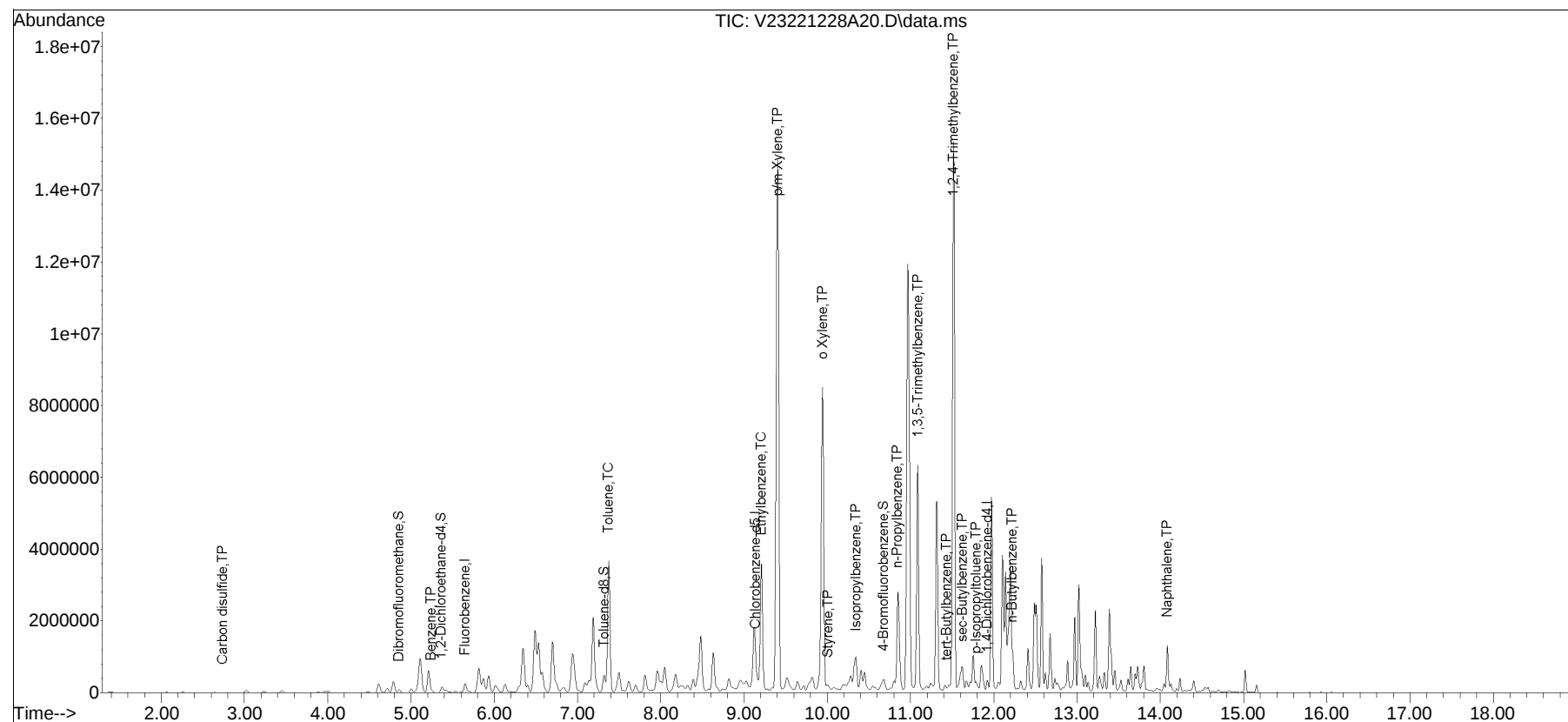


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA123\2022\221228A\
 Data File : V23221228A20.D
 Acq On : 28 Dec 2022 04:24 pm
 Operator : VOA123:AJK
 Sample : L2272484-08D,31H,24.24,15,0.01,,A
 Misc : WG1728264,ICAL19503
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 28 17:34:14 2022
 Quant Method : I:\VOLATILES\VOA123\2022\221228A\V123_221117A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Fri Nov 18 09:41:43 2022
 Response via : Initial Calibration

Sub List : 8260-NH - 8260 NH sublist022\221228A\V23221228A02.D•





ANALYTICAL REPORT

Lab Number:	L2272707
Client:	Ransom Consulting, LLC. 112 Corporate Drive Pease International Tradeport Portsmouth, NH 03801
ATTN:	John Ouellette
Phone:	(603) 436-1490
Project Name:	J+G SERVICE PROPERTY
Project Number:	181.05022.015
Report Date:	01/11/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272707

Report Date: 01/11/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2272707-01	G-DISP-COMP	SOIL	WINCHESTER, NH	12/27/22 12:00	12/28/22
L2272707-02	G-VENT-COMP	SOIL	WINCHESTER, NH	12/28/22 10:00	12/28/22
L2272707-03	UST8-SW-COMP	SOIL	WINCHESTER, NH	12/27/22 11:30	12/28/22
L2272707-04	UST8-B-COMP	SOIL	WINCHESTER, NH	12/27/22 11:45	12/28/22
L2272707-05	D-DISP-3	SOIL	WINCHESTER, NH	12/27/22 14:15	12/28/22
L2272707-06	K-DISP-2	SOIL	WINCHESTER, NH	12/27/22 14:00	12/28/22
L2272707-07	DUP1	SOIL	WINCHESTER, NH	12/27/22 12:05	12/28/22
L2272707-08	DUP2	SOIL	WINCHESTER, NH	12/27/22 11:50	12/28/22
L2272707-09	DUP3	SOIL	WINCHESTER, NH	12/27/22 14:20	12/28/22
L2272707-10	TRIP BLANK	SOIL	WINCHESTER, NH	12/27/22 00:00	12/28/22

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 01/11/23

ORGANICS

VOLATILES

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-01
Client ID: G-DISP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 12:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 13:54
Analyst: NLK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	180	--	1
1,1-Dichloroethane	ND		ug/kg	36	--	1
Chloroform	ND		ug/kg	54	--	1
Carbon tetrachloride	ND		ug/kg	36	--	1
1,2-Dichloropropane	ND		ug/kg	36	--	1
Dibromochloromethane	ND		ug/kg	36	--	1
1,1,2-Trichloroethane	ND		ug/kg	36	--	1
Tetrachloroethene	ND		ug/kg	18	--	1
Chlorobenzene	ND		ug/kg	18	--	1
Trichlorofluoromethane	ND		ug/kg	140	--	1
1,2-Dichloroethane	ND		ug/kg	36	--	1
1,1,1-Trichloroethane	ND		ug/kg	18	--	1
Bromodichloromethane	ND		ug/kg	18	--	1
trans-1,3-Dichloropropene	ND		ug/kg	36	--	1
cis-1,3-Dichloropropene	ND		ug/kg	18	--	1
1,3-Dichloropropene, Total	ND		ug/kg	18	--	1
1,1-Dichloropropene	ND		ug/kg	18	--	1
Bromoform	ND		ug/kg	140	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	18	--	1
Benzene	ND		ug/kg	18	--	1
Toluene	ND		ug/kg	36	--	1
Ethylbenzene	ND		ug/kg	36	--	1
Chloromethane	ND		ug/kg	140	--	1
Bromomethane	ND		ug/kg	71	--	1
Vinyl chloride	ND		ug/kg	36	--	1
Chloroethane	ND		ug/kg	71	--	1
1,1-Dichloroethene	ND		ug/kg	36	--	1
trans-1,2-Dichloroethene	ND		ug/kg	54	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23**SAMPLE RESULTS**

Lab ID: L2272707-01
Client ID: G-DISP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 12:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	18	--	1
1,2-Dichlorobenzene	ND		ug/kg	71	--	1
1,3-Dichlorobenzene	ND		ug/kg	71	--	1
1,4-Dichlorobenzene	ND		ug/kg	71	--	1
Methyl tert butyl ether	ND		ug/kg	71	--	1
p/m-Xylene	ND		ug/kg	71	--	1
o-Xylene	ND		ug/kg	36	--	1
Xylenes, Total	ND		ug/kg	36	--	1
cis-1,2-Dichloroethene	ND		ug/kg	36	--	1
1,2-Dichloroethene, Total	ND		ug/kg	36	--	1
Dibromomethane	ND		ug/kg	71	--	1
1,2,3-Trichloropropane	ND		ug/kg	71	--	1
Styrene	ND		ug/kg	36	--	1
Dichlorodifluoromethane	ND		ug/kg	360	--	1
Acetone	ND		ug/kg	360	--	1
Carbon disulfide	ND		ug/kg	360	--	1
2-Butanone	ND		ug/kg	360	--	1
4-Methyl-2-pentanone	ND		ug/kg	360	--	1
2-Hexanone	ND		ug/kg	360	--	1
Bromochloromethane	ND		ug/kg	71	--	1
Tetrahydrofuran	ND		ug/kg	140	--	1
2,2-Dichloropropane	ND		ug/kg	71	--	1
1,2-Dibromoethane	ND		ug/kg	36	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	18	--	1
Bromobenzene	ND		ug/kg	71	--	1
n-Butylbenzene	ND		ug/kg	36	--	1
sec-Butylbenzene	ND		ug/kg	36	--	1
tert-Butylbenzene	ND		ug/kg	71	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	71	--	1
o-Chlorotoluene	ND		ug/kg	71	--	1
p-Chlorotoluene	ND		ug/kg	71	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	110	--	1
Hexachlorobutadiene	ND		ug/kg	140	--	1
Isopropylbenzene	ND		ug/kg	36	--	1
p-Isopropyltoluene	ND		ug/kg	36	--	1
Naphthalene	ND		ug/kg	140	--	1
n-Propylbenzene	ND		ug/kg	36	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-01
Client ID: G-DISP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 12:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	71	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	71	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	71	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	71	--	1
Ethyl ether	ND		ug/kg	71	--	1
Isopropyl Ether	ND		ug/kg	71	--	1
Tert-Butyl Alcohol	ND		ug/kg	710	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	71	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	71	--	1
1,4-Dioxane	ND		ug/kg	2800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-02
Client ID: G-VENT-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/28/22 10:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 14:21
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	200	--	1
1,1-Dichloroethane	ND		ug/kg	39	--	1
Chloroform	ND		ug/kg	59	--	1
Carbon tetrachloride	ND		ug/kg	39	--	1
1,2-Dichloropropane	ND		ug/kg	39	--	1
Dibromochloromethane	ND		ug/kg	39	--	1
1,1,2-Trichloroethane	ND		ug/kg	39	--	1
Tetrachloroethene	ND		ug/kg	20	--	1
Chlorobenzene	ND		ug/kg	20	--	1
Trichlorofluoromethane	ND		ug/kg	160	--	1
1,2-Dichloroethane	ND		ug/kg	39	--	1
1,1,1-Trichloroethane	ND		ug/kg	20	--	1
Bromodichloromethane	ND		ug/kg	20	--	1
trans-1,3-Dichloropropene	ND		ug/kg	39	--	1
cis-1,3-Dichloropropene	ND		ug/kg	20	--	1
1,3-Dichloropropene, Total	ND		ug/kg	20	--	1
1,1-Dichloropropene	ND		ug/kg	20	--	1
Bromoform	ND		ug/kg	160	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	20	--	1
Benzene	ND		ug/kg	20	--	1
Toluene	ND		ug/kg	39	--	1
Ethylbenzene	ND		ug/kg	39	--	1
Chloromethane	ND		ug/kg	160	--	1
Bromomethane	ND		ug/kg	79	--	1
Vinyl chloride	ND		ug/kg	39	--	1
Chloroethane	ND		ug/kg	79	--	1
1,1-Dichloroethene	ND		ug/kg	39	--	1
trans-1,2-Dichloroethene	ND		ug/kg	59	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23**SAMPLE RESULTS**

Lab ID: L2272707-02
Client ID: G-VENT-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/28/22 10:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	20	--	1
1,2-Dichlorobenzene	ND		ug/kg	79	--	1
1,3-Dichlorobenzene	ND		ug/kg	79	--	1
1,4-Dichlorobenzene	ND		ug/kg	79	--	1
Methyl tert butyl ether	ND		ug/kg	79	--	1
p/m-Xylene	ND		ug/kg	79	--	1
o-Xylene	ND		ug/kg	39	--	1
Xylenes, Total	ND		ug/kg	39	--	1
cis-1,2-Dichloroethene	ND		ug/kg	39	--	1
1,2-Dichloroethene, Total	ND		ug/kg	39	--	1
Dibromomethane	ND		ug/kg	79	--	1
1,2,3-Trichloropropane	ND		ug/kg	79	--	1
Styrene	ND		ug/kg	39	--	1
Dichlorodifluoromethane	ND		ug/kg	390	--	1
Acetone	ND		ug/kg	390	--	1
Carbon disulfide	ND		ug/kg	390	--	1
2-Butanone	ND		ug/kg	390	--	1
4-Methyl-2-pentanone	ND		ug/kg	390	--	1
2-Hexanone	ND		ug/kg	390	--	1
Bromochloromethane	ND		ug/kg	79	--	1
Tetrahydrofuran	ND		ug/kg	160	--	1
2,2-Dichloropropane	ND		ug/kg	79	--	1
1,2-Dibromoethane	ND		ug/kg	39	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	20	--	1
Bromobenzene	ND		ug/kg	79	--	1
n-Butylbenzene	ND		ug/kg	39	--	1
sec-Butylbenzene	ND		ug/kg	39	--	1
tert-Butylbenzene	ND		ug/kg	79	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	79	--	1
o-Chlorotoluene	ND		ug/kg	79	--	1
p-Chlorotoluene	ND		ug/kg	79	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	120	--	1
Hexachlorobutadiene	ND		ug/kg	160	--	1
Isopropylbenzene	ND		ug/kg	39	--	1
p-Isopropyltoluene	ND		ug/kg	39	--	1
Naphthalene	ND		ug/kg	160	--	1
n-Propylbenzene	ND		ug/kg	39	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-02
Client ID: G-VENT-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/28/22 10:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	79	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	79	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	79	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	79	--	1
Ethyl ether	ND		ug/kg	79	--	1
Isopropyl Ether	ND		ug/kg	79	--	1
Tert-Butyl Alcohol	ND		ug/kg	790	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	79	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	79	--	1
1,4-Dioxane	ND		ug/kg	3100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-03
Client ID: UST8-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:30
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 14:47
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	260	--	1
1,1-Dichloroethane	ND		ug/kg	52	--	1
Chloroform	ND		ug/kg	78	--	1
Carbon tetrachloride	ND		ug/kg	52	--	1
1,2-Dichloropropane	ND		ug/kg	52	--	1
Dibromochloromethane	ND		ug/kg	52	--	1
1,1,2-Trichloroethane	ND		ug/kg	52	--	1
Tetrachloroethene	ND		ug/kg	26	--	1
Chlorobenzene	ND		ug/kg	26	--	1
Trichlorofluoromethane	ND		ug/kg	210	--	1
1,2-Dichloroethane	ND		ug/kg	52	--	1
1,1,1-Trichloroethane	ND		ug/kg	26	--	1
Bromodichloromethane	ND		ug/kg	26	--	1
trans-1,3-Dichloropropene	ND		ug/kg	52	--	1
cis-1,3-Dichloropropene	ND		ug/kg	26	--	1
1,3-Dichloropropene, Total	ND		ug/kg	26	--	1
1,1-Dichloropropene	ND		ug/kg	26	--	1
Bromoform	ND		ug/kg	210	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	--	1
Benzene	ND		ug/kg	26	--	1
Toluene	ND		ug/kg	52	--	1
Ethylbenzene	ND		ug/kg	52	--	1
Chloromethane	ND		ug/kg	210	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	52	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	52	--	1
trans-1,2-Dichloroethene	ND		ug/kg	78	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23**SAMPLE RESULTS**

Lab ID: L2272707-03
Client ID: UST8-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:30
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	26	--	1
1,2-Dichlorobenzene	ND		ug/kg	100	--	1
1,3-Dichlorobenzene	ND		ug/kg	100	--	1
1,4-Dichlorobenzene	ND		ug/kg	100	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1
p/m-Xylene	ND		ug/kg	100	--	1
o-Xylene	ND		ug/kg	52	--	1
Xylenes, Total	ND		ug/kg	52	--	1
cis-1,2-Dichloroethene	ND		ug/kg	52	--	1
1,2-Dichloroethene, Total	ND		ug/kg	52	--	1
Dibromomethane	ND		ug/kg	100	--	1
1,2,3-Trichloropropane	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	52	--	1
Dichlorodifluoromethane	ND		ug/kg	520	--	1
Acetone	ND		ug/kg	520	--	1
Carbon disulfide	ND		ug/kg	520	--	1
2-Butanone	ND		ug/kg	520	--	1
4-Methyl-2-pentanone	ND		ug/kg	520	--	1
2-Hexanone	ND		ug/kg	520	--	1
Bromochloromethane	ND		ug/kg	100	--	1
Tetrahydrofuran	ND		ug/kg	210	--	1
2,2-Dichloropropane	ND		ug/kg	100	--	1
1,2-Dibromoethane	ND		ug/kg	52	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	26	--	1
Bromobenzene	ND		ug/kg	100	--	1
n-Butylbenzene	ND		ug/kg	52	--	1
sec-Butylbenzene	ND		ug/kg	52	--	1
tert-Butylbenzene	ND		ug/kg	100	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	100	--	1
o-Chlorotoluene	ND		ug/kg	100	--	1
p-Chlorotoluene	ND		ug/kg	100	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	--	1
Hexachlorobutadiene	ND		ug/kg	210	--	1
Isopropylbenzene	ND		ug/kg	52	--	1
p-Isopropyltoluene	ND		ug/kg	52	--	1
Naphthalene	ND		ug/kg	210	--	1
n-Propylbenzene	ND		ug/kg	52	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-03
Client ID: UST8-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:30
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	100	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	100	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	100	--	1
Ethyl ether	ND		ug/kg	100	--	1
Isopropyl Ether	ND		ug/kg	100	--	1
Tert-Butyl Alcohol	ND		ug/kg	1000	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	--	1
1,4-Dioxane	ND		ug/kg	4200	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-04
Client ID: UST8-B-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:45
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 15:13
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	180	--	1
1,1-Dichloroethane	ND		ug/kg	37	--	1
Chloroform	ND		ug/kg	56	--	1
Carbon tetrachloride	ND		ug/kg	37	--	1
1,2-Dichloropropane	ND		ug/kg	37	--	1
Dibromochloromethane	ND		ug/kg	37	--	1
1,1,2-Trichloroethane	ND		ug/kg	37	--	1
Tetrachloroethene	ND		ug/kg	18	--	1
Chlorobenzene	ND		ug/kg	18	--	1
Trichlorofluoromethane	ND		ug/kg	150	--	1
1,2-Dichloroethane	ND		ug/kg	37	--	1
1,1,1-Trichloroethane	ND		ug/kg	18	--	1
Bromodichloromethane	ND		ug/kg	18	--	1
trans-1,3-Dichloropropene	ND		ug/kg	37	--	1
cis-1,3-Dichloropropene	ND		ug/kg	18	--	1
1,3-Dichloropropene, Total	ND		ug/kg	18	--	1
1,1-Dichloropropene	ND		ug/kg	18	--	1
Bromoform	ND		ug/kg	150	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	18	--	1
Benzene	ND		ug/kg	18	--	1
Toluene	ND		ug/kg	37	--	1
Ethylbenzene	ND		ug/kg	37	--	1
Chloromethane	ND		ug/kg	150	--	1
Bromomethane	ND		ug/kg	74	--	1
Vinyl chloride	ND		ug/kg	37	--	1
Chloroethane	ND		ug/kg	74	--	1
1,1-Dichloroethene	ND		ug/kg	37	--	1
trans-1,2-Dichloroethene	ND		ug/kg	56	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23**SAMPLE RESULTS**

Lab ID: L2272707-04
 Client ID: UST8-B-COMP
 Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:45
 Date Received: 12/28/22
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	18	--	1
1,2-Dichlorobenzene	ND		ug/kg	74	--	1
1,3-Dichlorobenzene	ND		ug/kg	74	--	1
1,4-Dichlorobenzene	ND		ug/kg	74	--	1
Methyl tert butyl ether	ND		ug/kg	74	--	1
p/m-Xylene	ND		ug/kg	74	--	1
o-Xylene	ND		ug/kg	37	--	1
Xylenes, Total	ND		ug/kg	37	--	1
cis-1,2-Dichloroethene	ND		ug/kg	37	--	1
1,2-Dichloroethene, Total	ND		ug/kg	37	--	1
Dibromomethane	ND		ug/kg	74	--	1
1,2,3-Trichloropropane	ND		ug/kg	74	--	1
Styrene	ND		ug/kg	37	--	1
Dichlorodifluoromethane	ND		ug/kg	370	--	1
Acetone	ND		ug/kg	370	--	1
Carbon disulfide	ND		ug/kg	370	--	1
2-Butanone	ND		ug/kg	370	--	1
4-Methyl-2-pentanone	ND		ug/kg	370	--	1
2-Hexanone	ND		ug/kg	370	--	1
Bromochloromethane	ND		ug/kg	74	--	1
Tetrahydrofuran	ND		ug/kg	150	--	1
2,2-Dichloropropane	ND		ug/kg	74	--	1
1,2-Dibromoethane	ND		ug/kg	37	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	18	--	1
Bromobenzene	ND		ug/kg	74	--	1
n-Butylbenzene	ND		ug/kg	37	--	1
sec-Butylbenzene	ND		ug/kg	37	--	1
tert-Butylbenzene	ND		ug/kg	74	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	74	--	1
o-Chlorotoluene	ND		ug/kg	74	--	1
p-Chlorotoluene	ND		ug/kg	74	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	110	--	1
Hexachlorobutadiene	ND		ug/kg	150	--	1
Isopropylbenzene	ND		ug/kg	37	--	1
p-Isopropyltoluene	ND		ug/kg	37	--	1
Naphthalene	ND		ug/kg	150	--	1
n-Propylbenzene	ND		ug/kg	37	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-04
Client ID: UST8-B-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:45
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	74	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	74	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	74	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	74	--	1
Ethyl ether	ND		ug/kg	74	--	1
Isopropyl Ether	ND		ug/kg	74	--	1
Tert-Butyl Alcohol	ND		ug/kg	740	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	74	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	74	--	1
1,4-Dioxane	ND		ug/kg	3000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-05
Client ID: D-DISP-3
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:15
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 15:40
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	180	--	1
1,1-Dichloroethane	ND		ug/kg	36	--	1
Chloroform	ND		ug/kg	55	--	1
Carbon tetrachloride	ND		ug/kg	36	--	1
1,2-Dichloropropane	ND		ug/kg	36	--	1
Dibromochloromethane	ND		ug/kg	36	--	1
1,1,2-Trichloroethane	ND		ug/kg	36	--	1
Tetrachloroethene	ND		ug/kg	18	--	1
Chlorobenzene	ND		ug/kg	18	--	1
Trichlorofluoromethane	ND		ug/kg	140	--	1
1,2-Dichloroethane	ND		ug/kg	36	--	1
1,1,1-Trichloroethane	ND		ug/kg	18	--	1
Bromodichloromethane	ND		ug/kg	18	--	1
trans-1,3-Dichloropropene	ND		ug/kg	36	--	1
cis-1,3-Dichloropropene	ND		ug/kg	18	--	1
1,3-Dichloropropene, Total	ND		ug/kg	18	--	1
1,1-Dichloropropene	ND		ug/kg	18	--	1
Bromoform	ND		ug/kg	140	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	18	--	1
Benzene	ND		ug/kg	18	--	1
Toluene	ND		ug/kg	36	--	1
Ethylbenzene	ND		ug/kg	36	--	1
Chloromethane	ND		ug/kg	140	--	1
Bromomethane	ND		ug/kg	73	--	1
Vinyl chloride	ND		ug/kg	36	--	1
Chloroethane	ND		ug/kg	73	--	1
1,1-Dichloroethene	ND		ug/kg	36	--	1
trans-1,2-Dichloroethene	ND		ug/kg	55	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23**SAMPLE RESULTS****Lab ID:** L2272707-05**Date Collected:** 12/27/22 14:15**Client ID:** D-DISP-3**Date Received:** 12/28/22**Sample Location:** WINCHESTER, NH**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	18	--	1
1,2-Dichlorobenzene	ND		ug/kg	73	--	1
1,3-Dichlorobenzene	ND		ug/kg	73	--	1
1,4-Dichlorobenzene	ND		ug/kg	73	--	1
Methyl tert butyl ether	ND		ug/kg	73	--	1
p/m-Xylene	ND		ug/kg	73	--	1
o-Xylene	ND		ug/kg	36	--	1
Xylenes, Total	ND		ug/kg	36	--	1
cis-1,2-Dichloroethene	ND		ug/kg	36	--	1
1,2-Dichloroethene, Total	ND		ug/kg	36	--	1
Dibromomethane	ND		ug/kg	73	--	1
1,2,3-Trichloropropane	ND		ug/kg	73	--	1
Styrene	ND		ug/kg	36	--	1
Dichlorodifluoromethane	ND		ug/kg	360	--	1
Acetone	ND		ug/kg	360	--	1
Carbon disulfide	ND		ug/kg	360	--	1
2-Butanone	ND		ug/kg	360	--	1
4-Methyl-2-pentanone	ND		ug/kg	360	--	1
2-Hexanone	ND		ug/kg	360	--	1
Bromochloromethane	ND		ug/kg	73	--	1
Tetrahydrofuran	ND		ug/kg	140	--	1
2,2-Dichloropropane	ND		ug/kg	73	--	1
1,2-Dibromoethane	ND		ug/kg	36	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	18	--	1
Bromobenzene	ND		ug/kg	73	--	1
n-Butylbenzene	ND		ug/kg	36	--	1
sec-Butylbenzene	44		ug/kg	36	--	1
tert-Butylbenzene	ND		ug/kg	73	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	73	--	1
o-Chlorotoluene	ND		ug/kg	73	--	1
p-Chlorotoluene	ND		ug/kg	73	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	110	--	1
Hexachlorobutadiene	ND		ug/kg	140	--	1
Isopropylbenzene	ND		ug/kg	36	--	1
p-Isopropyltoluene	39		ug/kg	36	--	1
Naphthalene	ND		ug/kg	140	--	1
n-Propylbenzene	ND		ug/kg	36	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-05
Client ID: D-DISP-3
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:15
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	73	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	73	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	73	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	73	--	1
Ethyl ether	ND		ug/kg	73	--	1
Isopropyl Ether	ND		ug/kg	73	--	1
Tert-Butyl Alcohol	ND		ug/kg	730	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	73	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	73	--	1
1,4-Dioxane	ND		ug/kg	2900	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	102		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23**SAMPLE RESULTS**

Lab ID: L2272707-06
 Client ID: K-DISP-2
 Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:00
 Date Received: 12/28/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 12/29/22 16:06
 Analyst: AJK
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	200	--	1
1,1-Dichloroethane	ND		ug/kg	39	--	1
Chloroform	ND		ug/kg	59	--	1
Carbon tetrachloride	ND		ug/kg	39	--	1
1,2-Dichloropropane	ND		ug/kg	39	--	1
Dibromochloromethane	ND		ug/kg	39	--	1
1,1,2-Trichloroethane	ND		ug/kg	39	--	1
Tetrachloroethene	ND		ug/kg	20	--	1
Chlorobenzene	ND		ug/kg	20	--	1
Trichlorofluoromethane	ND		ug/kg	160	--	1
1,2-Dichloroethane	ND		ug/kg	39	--	1
1,1,1-Trichloroethane	ND		ug/kg	20	--	1
Bromodichloromethane	ND		ug/kg	20	--	1
trans-1,3-Dichloropropene	ND		ug/kg	39	--	1
cis-1,3-Dichloropropene	ND		ug/kg	20	--	1
1,3-Dichloropropene, Total	ND		ug/kg	20	--	1
1,1-Dichloropropene	ND		ug/kg	20	--	1
Bromoform	ND		ug/kg	160	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	20	--	1
Benzene	ND		ug/kg	20	--	1
Toluene	ND		ug/kg	39	--	1
Ethylbenzene	ND		ug/kg	39	--	1
Chloromethane	ND		ug/kg	160	--	1
Bromomethane	ND		ug/kg	78	--	1
Vinyl chloride	ND		ug/kg	39	--	1
Chloroethane	ND		ug/kg	78	--	1
1,1-Dichloroethene	ND		ug/kg	39	--	1
trans-1,2-Dichloroethene	ND		ug/kg	59	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23**SAMPLE RESULTS****Lab ID:** L2272707-06**Date Collected:** 12/27/22 14:00**Client ID:** K-DISP-2**Date Received:** 12/28/22**Sample Location:** WINCHESTER, NH**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	20	--	1
1,2-Dichlorobenzene	ND		ug/kg	78	--	1
1,3-Dichlorobenzene	ND		ug/kg	78	--	1
1,4-Dichlorobenzene	ND		ug/kg	78	--	1
Methyl tert butyl ether	ND		ug/kg	78	--	1
p/m-Xylene	ND		ug/kg	78	--	1
o-Xylene	ND		ug/kg	39	--	1
Xylenes, Total	ND		ug/kg	39	--	1
cis-1,2-Dichloroethene	ND		ug/kg	39	--	1
1,2-Dichloroethene, Total	ND		ug/kg	39	--	1
Dibromomethane	ND		ug/kg	78	--	1
1,2,3-Trichloropropane	ND		ug/kg	78	--	1
Styrene	ND		ug/kg	39	--	1
Dichlorodifluoromethane	ND		ug/kg	390	--	1
Acetone	ND		ug/kg	390	--	1
Carbon disulfide	ND		ug/kg	390	--	1
2-Butanone	ND		ug/kg	390	--	1
4-Methyl-2-pentanone	ND		ug/kg	390	--	1
2-Hexanone	ND		ug/kg	390	--	1
Bromochloromethane	ND		ug/kg	78	--	1
Tetrahydrofuran	ND		ug/kg	160	--	1
2,2-Dichloropropane	ND		ug/kg	78	--	1
1,2-Dibromoethane	ND		ug/kg	39	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	20	--	1
Bromobenzene	ND		ug/kg	78	--	1
n-Butylbenzene	ND		ug/kg	39	--	1
sec-Butylbenzene	ND		ug/kg	39	--	1
tert-Butylbenzene	ND		ug/kg	78	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	78	--	1
o-Chlorotoluene	ND		ug/kg	78	--	1
p-Chlorotoluene	ND		ug/kg	78	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	120	--	1
Hexachlorobutadiene	ND		ug/kg	160	--	1
Isopropylbenzene	ND		ug/kg	39	--	1
p-Isopropyltoluene	ND		ug/kg	39	--	1
Naphthalene	ND		ug/kg	160	--	1
n-Propylbenzene	ND		ug/kg	39	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-06
Client ID: K-DISP-2
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	78	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	78	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	78	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	78	--	1
Ethyl ether	ND		ug/kg	78	--	1
Isopropyl Ether	ND		ug/kg	78	--	1
Tert-Butyl Alcohol	ND		ug/kg	780	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	78	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	78	--	1
1,4-Dioxane	ND		ug/kg	3100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23**SAMPLE RESULTS**

Lab ID: L2272707-09
 Client ID: DUP3
 Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:20
 Date Received: 12/28/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 12/29/22 16:32
 Analyst: AJK
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	180	--	1
1,1-Dichloroethane	ND		ug/kg	37	--	1
Chloroform	ND		ug/kg	55	--	1
Carbon tetrachloride	ND		ug/kg	37	--	1
1,2-Dichloropropane	ND		ug/kg	37	--	1
Dibromochloromethane	ND		ug/kg	37	--	1
1,1,2-Trichloroethane	ND		ug/kg	37	--	1
Tetrachloroethene	ND		ug/kg	18	--	1
Chlorobenzene	ND		ug/kg	18	--	1
Trichlorofluoromethane	ND		ug/kg	150	--	1
1,2-Dichloroethane	ND		ug/kg	37	--	1
1,1,1-Trichloroethane	ND		ug/kg	18	--	1
Bromodichloromethane	ND		ug/kg	18	--	1
trans-1,3-Dichloropropene	ND		ug/kg	37	--	1
cis-1,3-Dichloropropene	ND		ug/kg	18	--	1
1,3-Dichloropropene, Total	ND		ug/kg	18	--	1
1,1-Dichloropropene	ND		ug/kg	18	--	1
Bromoform	ND		ug/kg	150	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	18	--	1
Benzene	ND		ug/kg	18	--	1
Toluene	ND		ug/kg	37	--	1
Ethylbenzene	ND		ug/kg	37	--	1
Chloromethane	ND		ug/kg	150	--	1
Bromomethane	ND		ug/kg	74	--	1
Vinyl chloride	ND		ug/kg	37	--	1
Chloroethane	ND		ug/kg	74	--	1
1,1-Dichloroethene	ND		ug/kg	37	--	1
trans-1,2-Dichloroethene	ND		ug/kg	55	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-09
Client ID: DUP3
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:20
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	18	--	1
1,2-Dichlorobenzene	ND		ug/kg	74	--	1
1,3-Dichlorobenzene	ND		ug/kg	74	--	1
1,4-Dichlorobenzene	ND		ug/kg	74	--	1
Methyl tert butyl ether	ND		ug/kg	74	--	1
p/m-Xylene	ND		ug/kg	74	--	1
o-Xylene	ND		ug/kg	37	--	1
Xylenes, Total	ND		ug/kg	37	--	1
cis-1,2-Dichloroethene	ND		ug/kg	37	--	1
1,2-Dichloroethene, Total	ND		ug/kg	37	--	1
Dibromomethane	ND		ug/kg	74	--	1
1,2,3-Trichloropropane	ND		ug/kg	74	--	1
Styrene	ND		ug/kg	37	--	1
Dichlorodifluoromethane	ND		ug/kg	370	--	1
Acetone	ND		ug/kg	370	--	1
Carbon disulfide	ND		ug/kg	370	--	1
2-Butanone	ND		ug/kg	370	--	1
4-Methyl-2-pentanone	ND		ug/kg	370	--	1
2-Hexanone	ND		ug/kg	370	--	1
Bromochloromethane	ND		ug/kg	74	--	1
Tetrahydrofuran	ND		ug/kg	150	--	1
2,2-Dichloropropane	ND		ug/kg	74	--	1
1,2-Dibromoethane	ND		ug/kg	37	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	18	--	1
Bromobenzene	ND		ug/kg	74	--	1
n-Butylbenzene	ND		ug/kg	37	--	1
sec-Butylbenzene	ND		ug/kg	37	--	1
tert-Butylbenzene	ND		ug/kg	74	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	74	--	1
o-Chlorotoluene	ND		ug/kg	74	--	1
p-Chlorotoluene	ND		ug/kg	74	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	110	--	1
Hexachlorobutadiene	ND		ug/kg	150	--	1
Isopropylbenzene	ND		ug/kg	37	--	1
p-Isopropyltoluene	ND		ug/kg	37	--	1
Naphthalene	ND		ug/kg	150	--	1
n-Propylbenzene	ND		ug/kg	37	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-09
Client ID: DUP3
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:20
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	74	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	74	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	74	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	74	--	1
Ethyl ether	ND		ug/kg	74	--	1
Isopropyl Ether	ND		ug/kg	74	--	1
Tert-Butyl Alcohol	ND		ug/kg	740	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	74	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	74	--	1
1,4-Dioxane	ND		ug/kg	3000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-10
Client ID: TRIP BLANK
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 00:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/22 16:59
Analyst: AJK
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	--	1
1,1-Dichloroethane	ND		ug/kg	50	--	1
Chloroform	ND		ug/kg	75	--	1
Carbon tetrachloride	ND		ug/kg	50	--	1
1,2-Dichloropropane	ND		ug/kg	50	--	1
Dibromochloromethane	ND		ug/kg	50	--	1
1,1,2-Trichloroethane	ND		ug/kg	50	--	1
Tetrachloroethene	ND		ug/kg	25	--	1
Chlorobenzene	ND		ug/kg	25	--	1
Trichlorofluoromethane	ND		ug/kg	200	--	1
1,2-Dichloroethane	ND		ug/kg	50	--	1
1,1,1-Trichloroethane	ND		ug/kg	25	--	1
Bromodichloromethane	ND		ug/kg	25	--	1
trans-1,3-Dichloropropene	ND		ug/kg	50	--	1
cis-1,3-Dichloropropene	ND		ug/kg	25	--	1
1,3-Dichloropropene, Total	ND		ug/kg	25	--	1
1,1-Dichloropropene	ND		ug/kg	25	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	--	1
Benzene	ND		ug/kg	25	--	1
Toluene	ND		ug/kg	50	--	1
Ethylbenzene	ND		ug/kg	50	--	1
Chloromethane	ND		ug/kg	200	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	50	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	50	--	1
trans-1,2-Dichloroethene	ND		ug/kg	75	--	1

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23**SAMPLE RESULTS**

Lab ID: L2272707-10
Client ID: TRIP BLANK
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 00:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	25	--	1
1,2-Dichlorobenzene	ND		ug/kg	100	--	1
1,3-Dichlorobenzene	ND		ug/kg	100	--	1
1,4-Dichlorobenzene	ND		ug/kg	100	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1
p/m-Xylene	ND		ug/kg	100	--	1
o-Xylene	ND		ug/kg	50	--	1
Xylenes, Total	ND		ug/kg	50	--	1
cis-1,2-Dichloroethene	ND		ug/kg	50	--	1
1,2-Dichloroethene, Total	ND		ug/kg	50	--	1
Dibromomethane	ND		ug/kg	100	--	1
1,2,3-Trichloropropane	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	50	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	500	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	100	--	1
Tetrahydrofuran	ND		ug/kg	200	--	1
2,2-Dichloropropane	ND		ug/kg	100	--	1
1,2-Dibromoethane	ND		ug/kg	50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	--	1
Bromobenzene	ND		ug/kg	100	--	1
n-Butylbenzene	ND		ug/kg	50	--	1
sec-Butylbenzene	ND		ug/kg	50	--	1
tert-Butylbenzene	ND		ug/kg	100	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	100	--	1
o-Chlorotoluene	ND		ug/kg	100	--	1
p-Chlorotoluene	ND		ug/kg	100	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Isopropylbenzene	ND		ug/kg	50	--	1
p-Isopropyltoluene	ND		ug/kg	50	--	1
Naphthalene	ND		ug/kg	200	--	1
n-Propylbenzene	ND		ug/kg	50	--	1

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-10
Client ID: TRIP BLANK
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 00:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	100	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	100	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	100	--	1
Ethyl ether	ND		ug/kg	100	--	1
Isopropyl Ether	ND		ug/kg	100	--	1
Tert-Butyl Alcohol	ND		ug/kg	1000	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	--	1
1,4-Dioxane	ND		ug/kg	4000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	96		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 12/29/22 09:03
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-06,09-10 Batch: WG1728675-5					
Methylene chloride	ND		ug/kg	250	--
1,1-Dichloroethane	ND		ug/kg	50	--
Chloroform	ND		ug/kg	75	--
Carbon tetrachloride	ND		ug/kg	50	--
1,2-Dichloropropane	ND		ug/kg	50	--
Dibromochloromethane	ND		ug/kg	50	--
1,1,2-Trichloroethane	ND		ug/kg	50	--
Tetrachloroethene	ND		ug/kg	25	--
Chlorobenzene	ND		ug/kg	25	--
Trichlorofluoromethane	ND		ug/kg	200	--
1,2-Dichloroethane	ND		ug/kg	50	--
1,1,1-Trichloroethane	ND		ug/kg	25	--
Bromodichloromethane	ND		ug/kg	25	--
trans-1,3-Dichloropropene	ND		ug/kg	50	--
cis-1,3-Dichloropropene	ND		ug/kg	25	--
1,3-Dichloropropene, Total	ND		ug/kg	25	--
1,1-Dichloropropene	ND		ug/kg	25	--
Bromoform	ND		ug/kg	200	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	--
Benzene	ND		ug/kg	25	--
Toluene	ND		ug/kg	50	--
Ethylbenzene	ND		ug/kg	50	--
Chloromethane	ND		ug/kg	200	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	50	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	50	--
trans-1,2-Dichloroethene	ND		ug/kg	75	--
Trichloroethene	ND		ug/kg	25	--

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 12/29/22 09:03
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-06,09-10 Batch: WG1728675-5					
1,2-Dichlorobenzene	ND		ug/kg	100	--
1,3-Dichlorobenzene	ND		ug/kg	100	--
1,4-Dichlorobenzene	ND		ug/kg	100	--
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	100	--
o-Xylene	ND		ug/kg	50	--
Xylenes, Total	ND		ug/kg	50	--
cis-1,2-Dichloroethene	ND		ug/kg	50	--
1,2-Dichloroethene, Total	ND		ug/kg	50	--
Dibromomethane	ND		ug/kg	100	--
1,2,3-Trichloropropane	ND		ug/kg	100	--
Styrene	ND		ug/kg	50	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	500	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	100	--
Tetrahydrofuran	ND		ug/kg	200	--
2,2-Dichloropropane	ND		ug/kg	100	--
1,2-Dibromoethane	ND		ug/kg	50	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	--
Bromobenzene	ND		ug/kg	100	--
n-Butylbenzene	ND		ug/kg	50	--
sec-Butylbenzene	ND		ug/kg	50	--
tert-Butylbenzene	ND		ug/kg	100	--
1,3,5-Trichlorobenzene	ND		ug/kg	100	--
o-Chlorotoluene	ND		ug/kg	100	--

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/29/22 09:03
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-06,09-10 Batch: WG1728675-5					
p-Chlorotoluene	ND		ug/kg	100	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	--
Hexachlorobutadiene	ND		ug/kg	200	--
Isopropylbenzene	ND		ug/kg	50	--
p-Isopropyltoluene	ND		ug/kg	50	--
Naphthalene	ND		ug/kg	200	--
n-Propylbenzene	ND		ug/kg	50	--
1,2,3-Trichlorobenzene	ND		ug/kg	100	--
1,2,4-Trichlorobenzene	ND		ug/kg	100	--
1,3,5-Trimethylbenzene	ND		ug/kg	100	--
1,2,4-Trimethylbenzene	ND		ug/kg	100	--
Ethyl ether	ND		ug/kg	100	--
Isopropyl Ether	ND		ug/kg	100	--
Tert-Butyl Alcohol	ND		ug/kg	1000	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	--
1,4-Dioxane	ND		ug/kg	4000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272707

Report Date: 01/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-06,09-10 Batch: WG1728675-3 WG1728675-4								
Methylene chloride	80		82		70-130	2		30
1,1-Dichloroethane	95		96		70-130	1		30
Chloroform	93		94		70-130	1		30
Carbon tetrachloride	91		91		70-130	0		30
1,2-Dichloropropane	99		99		70-130	0		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	93		96		70-130	3		30
Tetrachloroethene	90		91		70-130	1		30
Chlorobenzene	99		99		70-130	0		30
Trichlorofluoromethane	120		121		70-139	1		30
1,2-Dichloroethane	90		92		70-130	2		30
1,1,1-Trichloroethane	105		106		70-130	1		30
Bromodichloromethane	95		95		70-130	0		30
trans-1,3-Dichloropropene	104		105		70-130	1		30
cis-1,3-Dichloropropene	107		108		70-130	1		30
1,1-Dichloropropene	104		104		70-130	0		30
Bromoform	89		92		70-130	3		30
1,1,2,2-Tetrachloroethane	92		95		70-130	3		30
Benzene	102		103		70-130	1		30
Toluene	103		103		70-130	0		30
Ethylbenzene	110		110		70-130	0		30
Chloromethane	90		90		52-130	0		30
Bromomethane	100		99		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272707

Project Number: 181.05022.015

Report Date: 01/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-06,09-10 Batch: WG1728675-3 WG1728675-4								
Vinyl chloride	120		121		67-130	1		30
Chloroethane	109		110		50-151	1		30
1,1-Dichloroethene	75		97		65-135	26		30
trans-1,2-Dichloroethene	96		97		70-130	1		30
Trichloroethene	103		103		70-130	0		30
1,2-Dichlorobenzene	95		98		70-130	3		30
1,3-Dichlorobenzene	98		100		70-130	2		30
1,4-Dichlorobenzene	95		97		70-130	2		30
Methyl tert butyl ether	97		100		66-130	3		30
p/m-Xylene	101		101		70-130	0		30
o-Xylene	98		99		70-130	1		30
cis-1,2-Dichloroethene	96		97		70-130	1		30
Dibromomethane	92		92		70-130	0		30
1,2,3-Trichloropropane	93		97		68-130	4		30
Styrene	98		98		70-130	0		30
Dichlorodifluoromethane	81		81		30-146	0		30
Acetone	86		88		54-140	2		30
Carbon disulfide	62		63		59-130	2		30
2-Butanone	85		90		70-130	6		30
4-Methyl-2-pentanone	88		90		70-130	2		30
2-Hexanone	97		96		70-130	1		30
Bromochloromethane	88		89		70-130	1		30
Tetrahydrofuran	90		94		66-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272707

Report Date: 01/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-06,09-10 Batch: WG1728675-3 WG1728675-4								
2,2-Dichloropropane	108		107		70-130	1		30
1,2-Dibromoethane	98		100		70-130	2		30
1,1,1,2-Tetrachloroethane	96		96		70-130	0		30
Bromobenzene	90		92		70-130	2		30
n-Butylbenzene	101		104		70-130	3		30
sec-Butylbenzene	97		98		70-130	1		30
tert-Butylbenzene	106		107		70-130	1		30
1,3,5-Trichlorobenzene	95		96		70-139	1		30
o-Chlorotoluene	105		107		70-130	2		30
p-Chlorotoluene	107		109		70-130	2		30
1,2-Dibromo-3-chloropropane	88		89		68-130	1		30
Hexachlorobutadiene	86		87		67-130	1		30
Isopropylbenzene	95		96		70-130	1		30
p-Isopropyltoluene	96		98		70-130	2		30
Naphthalene	96		100		70-130	4		30
n-Propylbenzene	97		98		70-130	1		30
1,2,3-Trichlorobenzene	89		91		70-130	2		30
1,2,4-Trichlorobenzene	93		95		70-130	2		30
1,3,5-Trimethylbenzene	105		106		70-130	1		30
1,2,4-Trimethylbenzene	105		106		70-130	1		30
Ethyl ether	102		107		67-130	5		30
Isopropyl Ether	104		105		66-130	1		30
Tert-Butyl Alcohol	92		95		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272707

Project Number: 181.05022.015

Report Date: 01/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-06,09-10 Batch: WG1728675-3 WG1728675-4								
Ethyl-Tert-Butyl-Ether	105		107		70-130	2		30
Tertiary-Amyl Methyl Ether	107		110		70-130	3		30
1,4-Dioxane	112		113		65-136	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	91		93		70-130

SEMIVOLATILES

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-03
Client ID: UST8-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:30
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E-SIM
Analytical Date: 01/09/23 11:21
Analyst: AH
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 19:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	7.2	--	1
2-Chloronaphthalene	ND		ug/kg	7.2	--	1
Fluoranthene	ND		ug/kg	7.2	--	1
Naphthalene	ND		ug/kg	7.2	--	1
Benzo(a)anthracene	ND		ug/kg	7.2	--	1
Benzo(a)pyrene	ND		ug/kg	7.2	--	1
Benzo(b)fluoranthene	ND		ug/kg	7.2	--	1
Benzo(k)fluoranthene	ND		ug/kg	7.2	--	1
Chrysene	ND		ug/kg	7.2	--	1
Acenaphthylene	ND		ug/kg	7.2	--	1
Anthracene	ND		ug/kg	7.2	--	1
Benzo(ghi)perylene	ND		ug/kg	7.2	--	1
Fluorene	ND		ug/kg	7.2	--	1
Phenanthrene	ND		ug/kg	7.2	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	7.2	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	7.2	--	1
Pyrene	ND		ug/kg	7.2	--	1
1-Methylnaphthalene	ND		ug/kg	7.2	--	1
2-Methylnaphthalene	ND		ug/kg	7.2	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	61		30-120
4-Terphenyl-d14	55		18-120

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-04
Client ID: UST8-B-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:45
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E-SIM
Analytical Date: 01/09/23 11:38
Analyst: AH
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 19:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	7.3	--	1
2-Chloronaphthalene	ND		ug/kg	7.3	--	1
Fluoranthene	ND		ug/kg	7.3	--	1
Naphthalene	ND		ug/kg	7.3	--	1
Benzo(a)anthracene	ND		ug/kg	7.3	--	1
Benzo(a)pyrene	ND		ug/kg	7.3	--	1
Benzo(b)fluoranthene	ND		ug/kg	7.3	--	1
Benzo(k)fluoranthene	ND		ug/kg	7.3	--	1
Chrysene	ND		ug/kg	7.3	--	1
Acenaphthylene	ND		ug/kg	7.3	--	1
Anthracene	ND		ug/kg	7.3	--	1
Benzo(ghi)perylene	ND		ug/kg	7.3	--	1
Fluorene	ND		ug/kg	7.3	--	1
Phenanthrene	ND		ug/kg	7.3	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	7.3	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	7.3	--	1
Pyrene	ND		ug/kg	7.3	--	1
1-Methylnaphthalene	ND		ug/kg	7.3	--	1
2-Methylnaphthalene	ND		ug/kg	7.3	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	55		30-120
4-Terphenyl-d14	49		18-120

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-05
Client ID: D-DISP-3
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:15
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E-SIM
Analytical Date: 01/09/23 11:54
Analyst: AH
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 19:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	7.1	--	1
2-Chloronaphthalene	ND		ug/kg	7.1	--	1
Fluoranthene	53		ug/kg	7.1	--	1
Naphthalene	ND		ug/kg	7.1	--	1
Benzo(a)anthracene	ND		ug/kg	7.1	--	1
Benzo(a)pyrene	ND		ug/kg	7.1	--	1
Benzo(b)fluoranthene	ND		ug/kg	7.1	--	1
Benzo(k)fluoranthene	ND		ug/kg	7.1	--	1
Chrysene	8.4		ug/kg	7.1	--	1
Acenaphthylene	ND		ug/kg	7.1	--	1
Anthracene	ND		ug/kg	7.1	--	1
Benzo(ghi)perylene	ND		ug/kg	7.1	--	1
Fluorene	ND		ug/kg	7.1	--	1
Phenanthrene	ND		ug/kg	7.1	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	7.1	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	7.1	--	1
Pyrene	210		ug/kg	7.1	--	1
1-Methylnaphthalene	ND		ug/kg	7.1	--	1
2-Methylnaphthalene	ND		ug/kg	7.1	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	54		30-120
4-Terphenyl-d14	57		18-120

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-06
Client ID: K-DISP-2
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E-SIM
Analytical Date: 01/09/23 12:11
Analyst: AH
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 19:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	7.1	--	1
2-Chloronaphthalene	ND		ug/kg	7.1	--	1
Fluoranthene	ND		ug/kg	7.1	--	1
Naphthalene	ND		ug/kg	7.1	--	1
Benzo(a)anthracene	ND		ug/kg	7.1	--	1
Benzo(a)pyrene	ND		ug/kg	7.1	--	1
Benzo(b)fluoranthene	ND		ug/kg	7.1	--	1
Benzo(k)fluoranthene	ND		ug/kg	7.1	--	1
Chrysene	ND		ug/kg	7.1	--	1
Acenaphthylene	ND		ug/kg	7.1	--	1
Anthracene	ND		ug/kg	7.1	--	1
Benzo(ghi)perylene	ND		ug/kg	7.1	--	1
Fluorene	ND		ug/kg	7.1	--	1
Phenanthrene	ND		ug/kg	7.1	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	7.1	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	7.1	--	1
Pyrene	ND		ug/kg	7.1	--	1
1-Methylnaphthalene	ND		ug/kg	7.1	--	1
2-Methylnaphthalene	ND		ug/kg	7.1	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	64		18-120

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-09
Client ID: DUP3
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:20
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E-SIM
Analytical Date: 01/09/23 12:27
Analyst: AH
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 19:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	7.3	--	1
2-Chloronaphthalene	ND		ug/kg	7.3	--	1
Fluoranthene	69		ug/kg	7.3	--	1
Naphthalene	ND		ug/kg	7.3	--	1
Benzo(a)anthracene	ND		ug/kg	7.3	--	1
Benzo(a)pyrene	ND		ug/kg	7.3	--	1
Benzo(b)fluoranthene	ND		ug/kg	7.3	--	1
Benzo(k)fluoranthene	ND		ug/kg	7.3	--	1
Chrysene	11		ug/kg	7.3	--	1
Acenaphthylene	ND		ug/kg	7.3	--	1
Anthracene	ND		ug/kg	7.3	--	1
Benzo(ghi)perylene	ND		ug/kg	7.3	--	1
Fluorene	ND		ug/kg	7.3	--	1
Phenanthrene	ND		ug/kg	7.3	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	7.3	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	7.3	--	1
Pyrene	240		ug/kg	7.3	--	1
1-Methylnaphthalene	ND		ug/kg	7.3	--	1
2-Methylnaphthalene	ND		ug/kg	7.3	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	59		30-120
4-Terphenyl-d14	62		18-120

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 01/04/23 17:01
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 12/29/22 19:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03-06,09 Batch: WG1728622-1					
Acenaphthene	ND		ug/kg	6.6	--
2-Chloronaphthalene	ND		ug/kg	6.6	--
Fluoranthene	ND		ug/kg	6.6	--
Naphthalene	ND		ug/kg	6.6	--
Benzo(a)anthracene	ND		ug/kg	6.6	--
Benzo(a)pyrene	ND		ug/kg	6.6	--
Benzo(b)fluoranthene	ND		ug/kg	6.6	--
Benzo(k)fluoranthene	ND		ug/kg	6.6	--
Chrysene	ND		ug/kg	6.6	--
Acenaphthylene	ND		ug/kg	6.6	--
Anthracene	ND		ug/kg	6.6	--
Benzo(ghi)perylene	ND		ug/kg	6.6	--
Fluorene	ND		ug/kg	6.6	--
Phenanthrene	ND		ug/kg	6.6	--
Dibenzo(a,h)anthracene	ND		ug/kg	6.6	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	6.6	--
Pyrene	ND		ug/kg	6.6	--
1-Methylnaphthalene	ND		ug/kg	6.6	--
2-Methylnaphthalene	ND		ug/kg	6.6	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	67		30-120
4-Terphenyl-d14	70		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272707

Project Number: 181.05022.015

Report Date: 01/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03-06,09 Batch: WG1728622-2 WG1728622-3								
Acenaphthene	64		65		40-140	2		50
2-Chloronaphthalene	67		67		40-140	0		50
Fluoranthene	72		72		40-140	0		50
Naphthalene	65		66		40-140	2		50
Benzo(a)anthracene	71		72		40-140	1		50
Benzo(a)pyrene	72		73		40-140	1		50
Benzo(b)fluoranthene	65		71		40-140	9		50
Benzo(k)fluoranthene	65		62		40-140	5		50
Chrysene	64		64		40-140	0		50
Acenaphthylene	75		74		40-140	1		50
Anthracene	66		67		40-140	2		50
Benzo(ghi)perylene	75		79		40-140	5		50
Fluorene	69		69		40-140	0		50
Phenanthrene	63		64		40-140	2		50
Dibenzo(a,h)anthracene	84		85		40-140	1		50
Indeno(1,2,3-cd)pyrene	86		89		40-140	3		50
Pyrene	72		73		35-142	1		50
1-Methylnaphthalene	67		67		40-140	0		50
2-Methylnaphthalene	67		68		40-140	1		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03-06,09 Batch: WG1728622-2 WG1728622-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	66		67		23-120
2-Fluorobiphenyl	65		64		30-120
4-Terphenyl-d14	69		70		18-120

PETROLEUM HYDROCARBONS

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-01
Client ID: G-DISP-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 12:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/29/22 22:34
Analyst: BAD
Percent Solids: 94%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	1600	--	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	109			70-130		
4-Bromofluorobenzene	97			70-130		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-02
Client ID: G-VENT-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/28/22 10:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 00:05
Analyst: BAD
Percent Solids: 95%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	1800	--	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,1,1-Trifluorotoluene	105			70-130		
4-Bromofluorobenzene	90			70-130		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-03
Client ID: UST8-SW-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:30
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 18:18
Analyst: AL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 22:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH (C10-C36)	ND		ug/kg	34700	--	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	67			40-140		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-04
Client ID: UST8-B-COMP
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:45
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 17:08
Analyst: AL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 22:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH (C10-C36)	ND		ug/kg	35900	--	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	60			40-140		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-05 D
Client ID: D-DISP-3
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:15
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 01/05/23 14:38
Analyst: SC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 22:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH (C10-C36)	3560000		ug/kg	177000	--	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	79			40-140		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-06
Client ID: K-DISP-2
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:00
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 17:43
Analyst: AL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 22:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH (C10-C36)	ND		ug/kg	34700	--	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	48			40-140		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-07
Client ID: DUP1
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 12:05
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 12/30/22 00:35
Analyst: BAD
Percent Solids: 96%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Gasoline Range Organics - Westborough Lab						
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Gasoline Range Organics	ND		ug/kg	1700	--	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106		70-130
4-Bromofluorobenzene	89		70-130

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-09 D
Client ID: DUP3
Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 14:20
Date Received: 12/28/22
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 01/05/23 15:13
Analyst: SC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/29/22 22:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quantitation - Westborough Lab						
TPH (C10-C36)	2940000		ug/kg	179000	--	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
o-Terphenyl	73			40-140		

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
 Analytical Date: 12/30/22 15:24
 Analyst: SC

Extraction Method: EPA 3546
 Extraction Date: 12/29/22 21:35

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s): 03-06,09 Batch: WG1728657-1					
TPH (C10-C36)	ND		ug/kg	31800	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	68		40-140

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Lab Number: L2272707
Report Date: 01/11/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
 Analytical Date: 12/29/22 16:32
 Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-02,07 Batch: WG1728983-4					
Gasoline Range Organics	ND		ug/kg	2500	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	82		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Lab Number: L2272707

Project Number: 181.05022.015

Report Date: 01/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 03-06,09 Batch: WG1728657-2								
TPH (C10-C36)	62		-		40-140	-		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	50				40-140

Lab Control Sample Analysis**Batch Quality Control****Project Name:** J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-02,07 Batch: WG1728983-2 WG1728983-3								
Gasoline Range Organics	85		91		80-120	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	108		112		70-130
4-Bromofluorobenzene	91		94		70-130

Matrix Spike Analysis**Batch Quality Control****Project Name:** J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272707**Report Date:** 01/11/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-02,07 QC Batch ID: WG1728983-6 QC Sample: L2272707-01 Client ID: G-DISP-COMP												
Gasoline Range Organics	ND	13100	13000	102		-	-		80-120	-		20

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	111				70-130
4-Bromofluorobenzene	104				70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272707

Report Date: 01/11/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01-02,07 QC Batch ID: WG1728983-5 QC Sample: L2272707-01 Client ID: G-DISP-COMP						
Gasoline Range Organics	ND	ND	ug/kg	NC		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	109		108		70-130
4-Bromofluorobenzene	97		99		70-130

INORGANICS & MISCELLANEOUS

Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272707

Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-01

Client ID: G-DISP-COMP

Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 12:00

Date Received: 12/28/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.2		%	0.100	NA	1	-	12/29/22 09:36	121,2540G	RI



Project Name: J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272707**Report Date:** 01/11/23**SAMPLE RESULTS****Lab ID:** L2272707-02**Client ID:** G-VENT-COMP**Sample Location:** WINCHESTER, NH**Date Collected:** 12/28/22 10:00**Date Received:** 12/28/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	12/29/22 09:36	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Project Number: 181.05022.015

Lab Number: L2272707

Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-03

Client ID: UST8-SW-COMP

Sample Location: WINCHESTER, NH

Date Collected: 12/27/22 11:30

Date Received: 12/28/22

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	12/29/22 09:36	121,2540G	RI



Project Name: J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272707**Report Date:** 01/11/23**SAMPLE RESULTS****Lab ID:** L2272707-04**Client ID:** UST8-B-COMP**Sample Location:** WINCHESTER, NH**Date Collected:** 12/27/22 11:45**Date Received:** 12/28/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	12/29/22 09:36	121,2540G	RI



Project Name: J+G SERVICE PROPERTY

Lab Number: L2272707

Project Number: 181.05022.015

Report Date: 01/11/23

SAMPLE RESULTS

Lab ID: L2272707-05

Date Collected: 12/27/22 14:15

Client ID: D-DISP-3

Date Received: 12/28/22

Sample Location: WINCHESTER, NH

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	12/29/22 09:36	121,2540G	RI



Project Name: J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272707**Report Date:** 01/11/23**SAMPLE RESULTS****Lab ID:** L2272707-06**Client ID:** K-DISP-2**Sample Location:** WINCHESTER, NH**Date Collected:** 12/27/22 14:00**Date Received:** 12/28/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	12/29/22 09:36	121,2540G	RI



Project Name: J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272707**Report Date:** 01/11/23**SAMPLE RESULTS****Lab ID:** L2272707-07**Client ID:** DUP1**Sample Location:** WINCHESTER, NH**Date Collected:** 12/27/22 12:05**Date Received:** 12/28/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.5		%	0.100	NA	1	-	12/29/22 09:36	121,2540G	RI



Project Name: J+G SERVICE PROPERTY**Project Number:** 181.05022.015**Lab Number:** L2272707**Report Date:** 01/11/23**SAMPLE RESULTS****Lab ID:** L2272707-09**Client ID:** DUP3**Sample Location:** WINCHESTER, NH**Date Collected:** 12/27/22 14:20**Date Received:** 12/28/22**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	12/29/22 07:32	121,2540G	RI



Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Serial_No:01112316:13
Lab Number: L2272707
Report Date: 01/11/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2272707-01A	Vial MeOH preserved	A	NA		2.3	Y	Absent		8260H-NH(14),TPH-GRO(14)
L2272707-01B	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2272707-02A	Vial MeOH preserved	A	NA		2.3	Y	Absent		8260H-NH(14),TPH-GRO(14)
L2272707-02B	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2272707-03A	Vial MeOH preserved	A	NA		2.3	Y	Absent		8260H-NH(14)
L2272707-03B	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2272707-03C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		PAHTCL-SIM(14),TPH-DRO-D(14)
L2272707-04A	Vial MeOH preserved	A	NA		2.3	Y	Absent		8260H-NH(14)
L2272707-04B	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2272707-04C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		PAHTCL-SIM(14),TPH-DRO-D(14)
L2272707-05A	Vial MeOH preserved	A	NA		2.3	Y	Absent		8260H-NH(14)
L2272707-05B	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2272707-05C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		PAHTCL-SIM(14),TPH-DRO-D(14)
L2272707-06A	Vial MeOH preserved	A	NA		2.3	Y	Absent		8260H-NH(14)
L2272707-06B	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2272707-06C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		PAHTCL-SIM(14),TPH-DRO-D(14)
L2272707-07A	Vial MeOH preserved	A	NA		2.3	Y	Absent		TPH-GRO(14)
L2272707-07B	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2272707-08A	Vial MeOH preserved	A	NA		2.3	Y	Absent		HOLD-8260HLW(14)
L2272707-08B	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		HOLD-WETCHEM()
L2272707-08C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		HOLD-PETRO(14),HOLD-8270(14)
L2272707-09A	Vial MeOH preserved	A	NA		2.3	Y	Absent		8260H-NH(14)
L2272707-09B	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)

Project Name: J+G SERVICE PROPERTY
Project Number: 181.05022.015

Serial_No: 01112316:13
Lab Number: L2272707
Report Date: 01/11/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2272707-09C	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		PAHTCL-SIM(14),TPH-DRO-D(14)
L2272707-10A	Vial MeOH preserved	A	NA		2.3	Y	Absent		8260H-NH(14)

Project Name: J+G SERVICE PROPERTY**Lab Number:** L2272707**Project Number:** 181.05022.015**Report Date:** 01/11/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name: J+G SERVICE PROPERTY
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Lab Number: L2272707
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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: J+G SERVICE PROPERTY
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Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: J+G SERVICE PROPERTY
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

