SUBSURFACE INVESTIGATION REPORT

1199 Sutter Avenue
Site Number: C224141
Brooklyn, New York

June 30, 2021

Submitted to:

Mr. Michael MacCabe
New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Prepared for:

AAA Sutter Realty, LLC
153-157 Seventh Street
Garden City, New York 11530

Prepared by:

EnviroTrac Engineering PE PC
5 Old Dock Rd.
Yaphank, NY 11980
631-924-3001

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

EnviroTrac
Environmental Services

The following personnel have prepared, reviewed, and approved this document:

Subsurface Investigation Work Plan

1199 Sutter Avenue
Brooklyn, New York

BCA Site #244141

I, Tracy Wall, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Subsurface Investigation Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Tracy Wall, PG
Project Manager
Qualified Environmental Professional

June 30, 2021

Date

EnviroTrac
Environmental Services

1.0 INTRODUCTION

The property at 1199 Sutter Avenue, Brooklyn, NY (the Site) is currently in the New York State Brownfield Cleanup Program (BCP), Site No. C224141, which is administered by the New York State Department of Environmental Conservation (NYSDEC). AAA Sutter Realty LLC entered into a Brownfield Cleanup Agreement (BCA) on August 2, 2012, with the NYSDEC to remediate the Site. **Figure 1** shows the site location on a topographic map.

The subsurface at the Site was impacted with tetrachloroethylene (PCE) due to the historical use of the eastern portion of the Site as a dry cleaner. Subsurface investigations and remedial activities were conducted at the Site from January 2009 through August 2018. The remedial activities included several sampling events for soil, soil vapor, ambient air, and groundwater, and two (2) non-emergency interim remedial measures (IRMs), which included in-situ chemical oxidation (ISCO) injections.

Based on the previous remedial investigations, the highest soil sample concentration for PCE was detected at 34,500 micrograms per kilogram (ug/kg) in January 2009 at boring S4, located in the rear parking area to the north of the former dry cleaner/current laundromat. The highest detected groundwater monitoring well sample concentration for PCE was 719 micrograms per liter (ug/L) in MW-10S in August 2017, located beneath the former dry cleaner/current laundromat (in the basement).

After completion of the remedial work, some contamination remains at this Site, which is hereafter referred to as “remaining contamination”. A Track 4 cleanup was implemented at the Site. Institutional and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure to remaining contamination to ensure the protection of public health and the environment. An Environmental Easement granted to the NYSDEC, and recorded with the Kings County Clerk, required compliance with the Site Management Plan (SMP) and all ECs and ICs placed on the Site.

The ECs include the installation and operation of a soil vapor extraction (SVE) and air sparge (AS) system on the eastern portion of the Site and installation and operation of a sub-slab depressurization system (SSDS) within the supermarket unit adjoining the former dry

cleaner/current laundromat to the west. The SVE/AS remediation system was installed between October 2018 and January 2019 and began operating in January 2019. The purpose of the SVE/AS system is to remediate the areas of remaining contamination in the soil and groundwater. Two (2) SSDSs were installed within the basement of the former dry cleaner/current laundromat and the adjoining supermarket unit in April 2017 and began operating in May 2017. The SSDS wells within the basement of the former dry cleaner/laundromat were disconnected from the mitigation fans and connected to the SVE system in January 2019. The purpose of the SSDSs is to mitigate vapors from entering the basements of the laundromat and supermarket and impacting the indoor air quality.

No operating issues were reported for the SSDS for the supermarket since it began operating. The SVE/AS remediation system shut down in June 2020 due to a high temperature alarm, which was addressed and began operating again the same month. The AS portion of the remediation system was shut down in July 2020 due to a carbon vane that required replacement. In September 2020, it was requested that the AS portion of the system remain off for a period of six (6) months since groundwater monitoring well concentrations had significantly decreased since operating the AS system. On October 15, 2020, the NYSDEC approved that the AS portion of the remediation system could be turned off for a period of six (6) months followed by a permanent shut down should groundwater concentrations continue to decrease or remain stable. For the May 2021 quarterly groundwater monitoring event, groundwater concentrations have shown to decrease since the startup of the remediation system. The AS system has not been turned back on since July 2020. The SVE portion of the remediation system has continued to properly operate at the Site since June 2020.

Since September 2020, photoionization detector (PID) readings recorded for the SVE system at the Site ranged between not detected to very low readings [less than one (1) parts per million (ppm)]. Due to no to low measured recoverable vapors recorded for the SVE system since September 2020 and a continued decreasing trend in groundwater concentrations for PCE, with the highest concentration of PCE at 26.4 parts per billion (ppb) at MW-10S in May 2021, the SVE system appears to have reached asymptotic levels.

EnviroTrac submitted a Subsurface Investigation Work Plan, dated April 8, 2021, to the NYSDEC. The Work Plan was approved by the NYSDEC on April 23, 2021.

Figure 2 shows the SVE/AS system, groundwater monitoring well locations, previous soil boring locations, and previous sub-slab soil vapor, indoor air, and outdoor air sample locations at the Site.

1.1 Objectives

This Subsurface Investigation was conducted to address the following objectives:

- Determine if the SVE system has remediated the previously identified soil that was shown to be contaminated with PCE above its NYSDEC Restricted Residential Use Soil Cleanup Objectives (RRUSCOs); and
- Determine if mitigation of soil vapors beneath the former dry cleaner/current laundromat and adjoining supermarket are still required.

2.0 SCOPE OF WORK

2.1 Overview

A total of three (3) soil samples were collected from the previous boring locations S3 and S4, located in the rear parking lot to the north of the former dry cleaner/current laundromat, and from B7, located in the basement of the former dry cleaner/current laundromat. Soil sample S3 was collected from 10 feet below grade in 2009 and in May 2021. Soil sample S4 was collected from 11 to 12 feet below grade in 2016 and in May 2021. Soil sample B7 was collected from eight (8) to 13 feet below grade or from just below the basement slab to five (5) feet below the basement slab in 2009 and in June 2021. **Figure 3** shows the boring locations.

The soil samples from the rear parking lot were collected using a Geoprobe drill rig from the above-referenced depths. The soil sample from the basement of the former dry cleaner/current laundromat was collected using a concrete corer and a hand auger. The soil samples were laboratory analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260.

Soil vapor intrusion (SVI) investigations were conducted within the basements of the former dry cleaner/current laundromat and adjoining supermarket. The SVE system and SSDS in the supermarket were shut off on May 4, 2021, prior to the start of the SVI investigations. The SVI investigations were conducted on May 10, 2021, and included the collection of one (1) sub-slab soil vapor sample and one (1) indoor air sample within each of the basements of the former dry cleaner/current laundromat and supermarket, and one (1) outdoor air sample from the rear parking lot. The samples were collected over an eight (8) hour period and were laboratory analyzed for VOCs by EPA Method TO-15. **Figure 3** shows the locations of the sub-slab soil vapor samples, the indoor air samples, and the outdoor air sample locations.

2.2 Summary of Previous Site Investigation Results

Below lists the previously performed remedial investigations for the Site.

- **Summary Letter of Phase II Subsurface Investigation, 1199-1221 Sutter Avenue, Brooklyn, New York. Atlantic Environmental Solutions, Inc., January 12, 2009;**
- **Phase II Subsurface Investigation, 1199-1221 Sutter Avenue, Brooklyn, New York. Associated Environmental Services, Ltd., May 19, 2009;**
- **Remedial Action Report, 1199-1221 Sutter Avenue, Brooklyn, New York. Associated Environmental Services, Ltd., January 29, 2010;**
- **Remedial Action Report Addendum, 1199-1221 Sutter Avenue, Brooklyn, New York. Associated Environmental Services, Ltd., March 24, 2010;**
- **Remedial Investigation Report, 1199-1221 Sutter Avenue, Brooklyn, New York. Associated Environmental Services, Ltd., July 23, 2015;**
- **Supplemental RI Report, 1199-1221 Sutter Avenue, Brooklyn, New York. Associated Environmental Services, Ltd., July 6, 2016.**

Soil

Soil samples were previously collected from the Site during the Phase II ESA, Supplemental Phase II ESA, Site Characterization, and Supplemental RI. The previous soil sampling results showed that PCE was detected at concentrations that exceeded its 6 NYCRR Part 375 Subpart 375-6.8 Residential Use Soil Cleanup Objective (RUSCO) and Restricted Residential Use Soil Cleanup Objective (RRUSCO) in three (3) borings located beneath the former dry cleaner/current laundromat and in the rear parking lot to the north of the former dry cleaner unit/current laundromat. **Table 1** summarizes the previous soil boring sample exceedances. **Figure 2** shows the previous soil boring locations.

Groundwater

Groundwater samples were previously collected from the Site during the Phase II ESA, Supplemental Phase II ESA, IRM, Site Characterization, RI, Supplemental RI, and other groundwater sampling events. Previous groundwater samples were also collected from the adjoining properties to the south and east during the Site Characterization, RI, and Supplemental RI. The previous groundwater monitoring results showed that PCE, trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), acetone, and chloroform were

detected at concentrations that exceeded their respective NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (NYSDEC Groundwater Standards) in locations beneath the former dry cleaner, in the rear parking lot to the north of the former dry cleaner unit, to the south beneath the sidewalk along the northern and southern portions of Sutter Avenue, and on the adjoining property to the south, across Sutter Avenue during the previous investigations. The results of the previous investigations showed that elevated levels of CVOCs in groundwater existed beneath the Site and had migrated to the south, across Sutter Avenue. During the May 2021 groundwater monitoring event, chloroform and PCE were detected in MW-1S and MW-5S, but at concentrations well below their respective NYSDEC Groundwater Standards, acetone and chloroform were detected in MW-2S, but at concentrations well below their respective NYSDEC Groundwater Standards, chloroform and PCE were detected in MW-8S, but chloroform was detected at a concentration below its NYSDEC Groundwater Standard and PCE was detected very slightly above its NYSDEC Groundwater Standard, PCE was detected in MW-10S at a concentration slightly above its NYSDEC Groundwater Standard, and chloroform and PCE were detected in MW-11S, but PCE was detected at a concentration below its NYSDEC Groundwater Standard and chloroform was detected at a concentration very slightly above its NYSDEC Groundwater Standard. **Table 2** summarizes the May 2021 groundwater monitoring results. **Figure 2** shows the locations of the groundwater monitoring wells.

Soil Vapor Intrusion

Sub-slab soil vapor samples, soil gas samples, indoor air samples, and outdoor air samples were previously collected from the Site and in the vicinity of adjoining properties to the north, south, and east during the Site Characterization and RI. The results were compared to the NYSDOH Matrices 1 and 2 included in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. The previous sampling results showed that vapors emanating from soil and groundwater located beneath the Site were infiltrating into the former dry cleaner unit and had the potential to infiltrate into the adjacent supermarket unit. The results showed that no soil vapor intrusion (SVI) impacts were present in the other units within the Site building or in the vicinity of the adjoining properties to the north, south, and east. **Table 3** summarizes the previous sub-slab soil vapor and soil gas sampling results and **Table 4** summarizes the previous indoor and outdoor air sampling results. Previous sub-slab soil vapor, soil gas, indoor air, and outdoor air sample locations are shown on **Figure 2**.

Since the installation of the SVE/AS remediation system at the Site and the SSDS within the supermarket unit, the presence of impacted soil vapors beneath the former dry cleaner/current laundromat and adjoining supermarket are likely to have decreased to significantly lower concentrations.

2.3 Technical Approach

2.3.1 Subsurface Soil Sampling

A total of three (3) soil samples were collected from the previous boring locations S3, S4, and B7. Soil sample S3 was collected from 10 feet below grade in 2009 and May 2021. Soil sample S4 was collected from 11 to 12 feet below grade in 2016 and May 2021. Soil sample B7 was collected from eight (8) to 13 feet below grade or from just below the basement slab to five (5) feet below the basement slab in 2009 and June 2021. **Figure 3** shows the boring locations.

2.3.1.1 Subsurface Soil Sampling Procedures

Approximately one (1) week prior to drilling, a subsurface utility markout was ordered to indicate the location of subsurface utilities within the boring locations. Prior to advancing the Geoprobe rods, the first five (5) feet of soil was hand cleared to verify that no subsurface utilities would be impacted.

The soil samples from the rear parking lot were collected using a Geoprobe drill rig from the above-referenced depths. Soil cores for S3 and S4 were obtained using the Geoprobe into acetate sleeves from approximately nine (9) to approximately 13 feet below grade. The soil cores were screened for visual and olfactory indications of contamination and well as with a photoionization detector (PID). Soil characteristics and PID readings were recorded for each soil core.

The soil sample from the basement of the former dry cleaner/current laundromat was collected using a concrete corer and a hand auger. The soil collected was screened for visual and olfactory indications of contamination and well as with a PID. Soil characteristics and PID

readings were recorded for the sub-slab soil sample. The soils beneath the Site consisted of a mixture of tan, dry, sand, silt, and gravel. No stains or odors were observed for the soil, and no PID readings above 0.0 parts per million (ppm) were recorded.

2.3.1.2 Subsurface Soil Samples Laboratory Analysis

The soil samples were placed into laboratory-supplied glassware, placed into an ice-filled cooler, and delivered via courier to Pace Analytical Long Island Laboratory (Pace) in Melville, NY for analysis of VOCs by EPA Method 8260c. A chain of custody form was completed to document sample possession. NYSDEC Category B Deliverables packages were obtained from the laboratory, and the laboratory packages were reviewed by a third-party chemist that provided a Data Usability Summary Report (DUSR).

2.3.2 Soil Vapor Intrusion (SVI) Investigation Procedures

2.3.2.1 Pre-sampling Inspection

A pre-sampling inspection was performed immediately prior to initiating sample collection to document potential sources of VOCs and other important features (e.g., HVAC layout and operation) within the sampling area and ultimately to aid in the interpretation of the sampling results. The inspection included the following:

a. current storage and uses of volatile chemicals were identified;
b. the use of heating or air conditioning systems during sampling was noted;
c. floor plan sketches were drawn that include the floor layout with sampling locations, chemical storage areas, doorways, stairways, location of basement sumps or subsurface drains and utility perforations through building foundations, HVAC system air supply and return registers, compass orientation (north), footings that create separate foundation sections, and any other pertinent information will be completed;
d. the building floor was inspected and any penetrations (cracks, floor drains, utility perforations, sumps, etc.) were noted and recorded/photographed;
e. outdoor plot sketches were drawn that include the building site, area streets, outdoor air sampling locations (if applicable), compass orientation (north), and paved areas;

f. weather conditions (e.g., precipitation and indoor and outdoor temperature) and ventilation conditions (e.g., heating system active and windows closed) were reported; and
g. any pertinent observations, such as spills, floor stains, smoke tube results, odors, and readings from field instrumentation (e.g., vapors via PID, ppb RAE, Jerome Mercury Vapor Analyzer, etc.), were recorded.

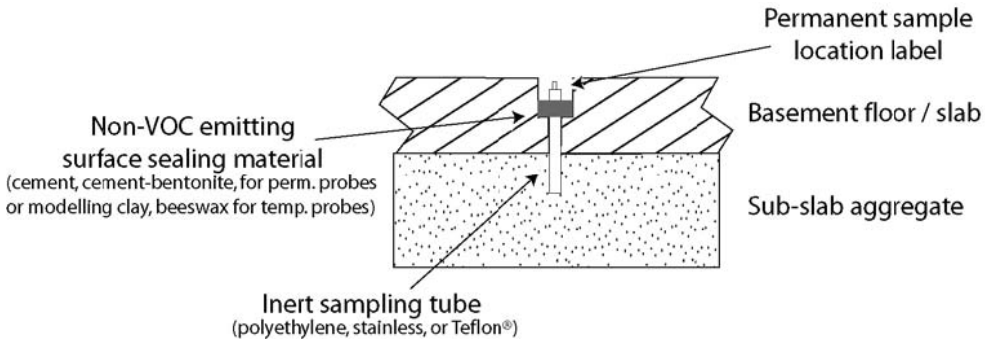
Results of the pre-sampling inspection are provided in **Appendix A.** Chemicals stored within the basement of the laundromat included several containers of laundry detergent, bleach, and fabric softener. Chemicals stored within the basement of the supermarket included several containers of retail-sized household cleaners; however, these containers were not stored in close proximity to the sampling area.

2.3.2.2 Sub-slab Soil Vapor Sampling

Sub-slab sampling probes were installed at locations where the potential for ambient air infiltration via floor penetrations is minimal to the extent practicable.

a. temporary probes were constructed with inert ¼ inch-diameter polyethylene tubing and of food grade quality;
b. tubing did not extend further than 2 inches into the sub-slab material;
c. porous, inert backfill material (Morie #0 gravel) was added to cover about 1 inch of the tubing; and
d. the tubing was sealed to the surface with non-VOC-containing and non-shrinking modeling clay.

The following schematic of a sub-slab vapor probe construction is consistent with NYSDOH guidance.



Sub-slab Vapor Sampling:

To obtain representative samples that meet the data quality objectives, sub-slab vapor samples were collected in the following manner:

a. after installation of the probes, one (1) to three (3) volumes (i.e., the volume of the sample probe and tube) were purged prior to collecting the samples to ensure samples collected are representative;
b. flow rates for both purging and collecting did not exceed 0.2 liters per minute to minimize ambient air infiltration during sampling; and
c. samples were collected, using conventional sampling methods, in an appropriate container — one which;
    i. meets the objectives of the sampling (e.g., investigation of areas where low or high concentrations of volatile chemicals are expected; to minimize losses of volatile chemicals that are susceptible to photo-degradation),
    ii. is consistent with the sampling and analytical methods (i.e., low flow rate; Summa canisters analyzing by using EPA Method TO-15), and
    iii. is certified clean by the laboratory;
d. sample size depends upon the volume of that achieved minimum reporting limits, the flow rate, and the sampling duration; and
e. samples were generally collected over the same period as concurrent indoor and outdoor air samples.

The field sampling team maintained a sample log sheet summarizing the following:

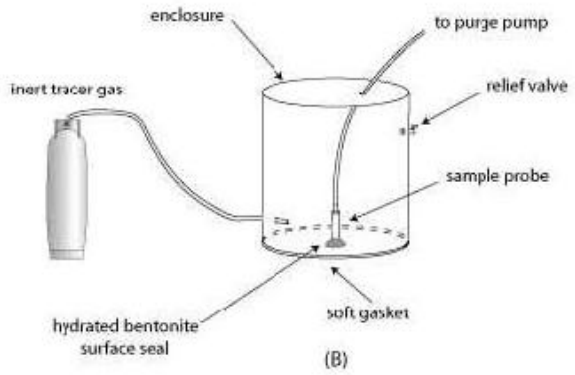
a. Sample identification;
b. Date and time of sample collection;
c. Sampling depth;
d. Identity of samplers;
e. Sampling methods and devices;
f. Purge volumes;
g. Volume of soil vapor extracted;
h. Canister vacuum before and after samples were collected;
i. Apparent moisture content (dry, moist, saturated, etc.) of the sampling zone; and
j. Chain of custody protocols and records used to track samples from sampling point to analysis.

Tracer gas:

When collecting sub-slab soil vapor samples, a tracer gas was used as a quality assurance/quality control measure to verify the integrity of the soil vapor probe seal. Without the use of a tracer, there is no way to verify that a soil vapor sample has not been diluted by outdoor air. Helium will be used as the tracer as it is readily available, has low toxicity, can be monitored with portable measurement devices, and can be detected in the laboratory.

The protocol for using a tracer gas is straightforward: simply enrich the atmosphere in the immediate vicinity of the area where the probe intersects the ground surface with the tracer gas and measure a vapor sample from the probe for the presence of high concentrations (> 10%) of the tracer. A plastic pail served to keep the tracer gas in contact with the probe during the testing.

The tracer gas (helium) was released in the enclosure prior to initially purging the sample point, taking care to avoid excessive purging prior to sample collection. Care was also taken to prevent pressure build-up in the enclosure during introduction of the tracer gas. Inspection of the installed sample probe, specifically noting the integrity of the surface seal and the porosity of the soil in which the probe is installed, helped to determine the tracer gas setup.



Helium Tracer Testing Schematic

2.3.2.3 Indoor Air Sampling

The testing was conducted outside of the heating season that spans the time November 15 through March 30; however, all windows and doors were shut within the sampling area.

The indoor air samples were collected in the following manner:

a. sampling duration reflected the exposure scenario being evaluated without compromising the detection limit or sample collection flow rate (i.e., an 8-hour sampling duration was used);
b. samples were collected in the vicinity of the sub-slab samples;
c. sample intakes were placed approximately three (3) to five (5) feet above the floor surface;
d. personnel avoided lingering in the immediate area of the sampling device while samples were being collected;
e. sample flow rates conformed to the specifications in the sample collection method and were consistent with the flow rates for concurrent outdoor air and sub-slab samples; and
f. samples were collected, using conventional sampling methods, in laboratory prepared and supplied six (6) Liter Summa Canisters:

The field sampling team maintained a sample log sheet summarizing the following:

a. sample identification,
b. date and time of sample collection,
c. sampling height,
d. identity of samplers,
e. sampling methods and devices,
f. vacuums of canisters before and after samples collected, and
g. chain of custody protocols and records used to track samples from sampling point to analysis.

2.3.2.4 Outdoor Air Sampling

The outdoor air sample was collected concurrently with the sub-slab and indoor air samples to identify potential outdoor air interferences associated with infiltration of outdoor air into the sampling apparatus while the sub-slab and indoor air samples were collected. To obtain representative samples that meet the data quality objectives, the outdoor air sample was collected in a manner consistent with that for the indoor air samples. The outdoor air sample was situated in the vicinity of the Site and in an upgradient location with respect to wind direction on the day of sample collection. The following actions were taken to document conditions during outdoor air sampling and ultimately to aid in the interpretation of the sample results:

a. An outdoor plot sketch was drawn that include the testing site, area streets, outdoor air sampling locations, the location of potential interferences (e.g., gasoline stations, factories, lawn movers, etc.), compass orientation (north), and paved areas;
b. Weather conditions (e.g., precipitation and outdoor temperature) were reported; and
c. Pertinent observations, such as odors, readings from field instrumentation, and significant activities in the vicinity (e.g., operation of heavy equipment, dry cleaners, and other potential sources of VOCs) were recorded.

2.3.2.5 SVI Samples Laboratory Analyses

The SVI samples were collected into laboratory-supplied 6L Summa Canisters equipped with eight (8) hour flow controllers. The Summa Canisters were delivered to Pace for analysis of VOCs via EPA Method TO-15. NYSDEC Category B Deliverables packages were obtained from the laboratory, and the laboratory packages were reviewed by a third-party chemist that provided DUSRs.

2.3.3 Evaluation of Subsurface Investigation Results

2.3.3.1 Subsurface Soil Sample Results

Table 1 summarizes the soil sample results for S3, S4, and B7. The previous soil sample results are also shown on **Table 1**. The laboratory report is provided in **Appendix B**. PCE was detected in soil sample S3 at 35.4 ug/kg, which is well below its NYSDEC Unrestricted Use Soil Cleanup Objective (UUSCO). PCE was not detected in the soil sample S4. PCE was detected in soil sample B7 at 21.5 ug/kg, which is well below its NYSDEC UUSCO. When compared to the previous soil sampling results, PCE in soil has reduced significantly, and in one (1) case to not detected levels at S4. Based on these findings, the SVE system has remediated the subsurface soil beneath the basement of the laundromat and rear parking lot. It is EnviroTrac's professional opinion that the SVE system has reached asymptotic levels, that contaminants of concern have reached acceptable concentrations in the subsurface soil beneath the Site that do not require remediation; and therefore, the SVE system should be shutdown and removed from the Site.

Following the May 2021 soil sampling event, the SVE system was turned back on.

2.3.3.2 SVI Investigation Results

Table 3 summarizes the sub-slab soil vapor sample results. The previous sub-slab soil vapor results are also shown on **Table 3**. **Table 4** summarizes the indoor and outdoor air sample results. The previous indoor and outdoor air sample results are also shown on **Table 4**. The laboratory report is provided in **Appendix B**.

Select VOCs were detected in the sub-slab soil vapor samples collected from the former dry cleaner/current laundromat and supermarket basements. Most of the detected analytes were petroleum products that are not associated with any previous or current practices at the Site. None of the detected analytes were at concentrations that appeared to pose an environmental concern. Regarding previously detected contaminants of concern, vinyl chloride was not detected in any of the May 2021 sub-slab soil vapor samples, cis-1,2-dichlroethylene was not detected in any of the May 2021 sub-slab soil vapor samples, and chloroform, PCE, and TCE were detected in both May 2021 sub-slab soil vapor samples, but at significantly decreased concentrations when compared to the previous sampling results. As per the NYSDOH Soil Vapor Intrusion Guidance, there are no standards or guidance values for sub-slab soil vapor or soil gas concentrations.

Select VOCs were detected in the indoor and outdoor air samples collected from the former dry cleaner/current laundromat, supermarket, and rear parking lot. The indoor air results for May 2021 were compared to the NYSDOH Air Guidance Values. The indoor air result for TCE for the former dry cleaner/current laundromat was detected at a concentration (2.5 ug/m3) very slightly above its NYSDOH Air Guidance Value of 2.0 ug/m3. Vinyl chloride was not detected in the previous or May 2021 indoor or outdoor air samples. Cis-1,2-dichloroethylene was detected in the indoor air sample for the former dry cleaner/current laundromat, but at a very low concentration of 2.3 ug/m3. Chloroform was detected in previous and May 2021 indoor samples, but at a very low concentrations of 10.2 ug/m3 in the former dry cleaner/current laundromat and 14.7 ug/m3 in the supermarket. TCE was detected in previous and May 2021 indoor air samples for the former dry cleaner/current laundromat. PCE was detected in previous and May 2021 indoor air samples for the supermarket but was not detected in the former dry cleaner/current laundromat for May 2021. The concentration of PCE for the indoor air sample in the supermarket was detected at a very low concentration of 3.6 ug/m3.

The sub-slab soil vapor and indoor air samples were compared to the NYSDOH Decision Matrices A, B, and C. Based on the above findings and comparison with the NYSDOH Decision Matrices, the indoor air sample results for TCE in the former dry cleaner/current laundromat basement remains slightly elevated following shutting off the SVE system for a period of six (6)

days. The results for the supermarket samples when compared to the NYSDOH Matrices indicates that mitigation is no longer required.

Based on the above results, EnviroTrac recommends that the two (2) extraction points in the former dry cleaner/current laundromat basement (SSD-7 and SSD-8) be reconnected to the SSDS fan for this unit (previously installed), and that the SSDS for the supermarket be turned off and dismantled.

Following the SVI investigation, the SSDS for the supermarket was turned back on.

3.0 CONCLUSIONS AND RECOMMENDATIONS

EnviroTrac conducted a subsurface investigation at the Site in May and June 2021. The subsurface investigation included the collection of soil samples from previously identified areas with elevated concentrations of PCE, and a SVI investigation within the basements of the former dry cleaner/current laundromat and supermarket. Prior to the investigation, the SVE system and SSDS for the supermarket were shut down. The soil sample results for May 2021 when compared to the previous soil sampling results for three (3) locations at the Site showed a significant decrease of PCE to either not detected or concentrations well below its NYSDEC UUSCO. The SVI investigation results showed slightly elevated indoor air results for TCE within the basement of the former dry cleaner/current laundromat. The SVI results also showed that mitigation no longer is required for the supermarket.

Based on the above findings, the SVE system has remediated the subsurface soil beneath the Site to either non detect or below NYSDEC UUSCOs and has reached asymptotic levels. Also, based on the sub-slab soil vapor and indoor air sample results, the supermarket no longer requires mitigation. EnviroTrac recommends that the SVE system be shut down, dismantled, and removed from the Site, and that the SSDS in the supermarket be shut down, dismantled, and removed from the Site. Due to the slightly elevated TCE concentration within the indoor air for the basement of the former dry cleaner/current laundromat, EnviroTrac recommends that the extraction points for this basement (SSD-7 and SSD-8) be reconnected to the SSDS fan to

continue mitigation of this unit. EnviroTrac also recommends that since groundwater concentrations have significantly reduced overtime, that groundwater monitoring be reduced to annual events.

Should the NYSDEC approve the above requests, EnviroTrac will provide documentation of the SVE system and supermarket SSDS dismantling and removal and will revise the SMP for the Site. The SSDS for the former dry cleaner/current laundromat and Site cover will be monitored and certified annually, and the groundwater will be monitored annually.

4.0 REFERENCES

New York State Department of Environmental Conservation (May 3, 2010). Final Program Policy DER-10 - Technical Guidance for Site Investigation and Remediation.

Code of Federal Regulations – Title 40: Protection of the Environment 144.26 – Inventory Requirements.

New York State Department of Health (October 2006). Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

FIGURES

TOPOGRAPHIC MAP

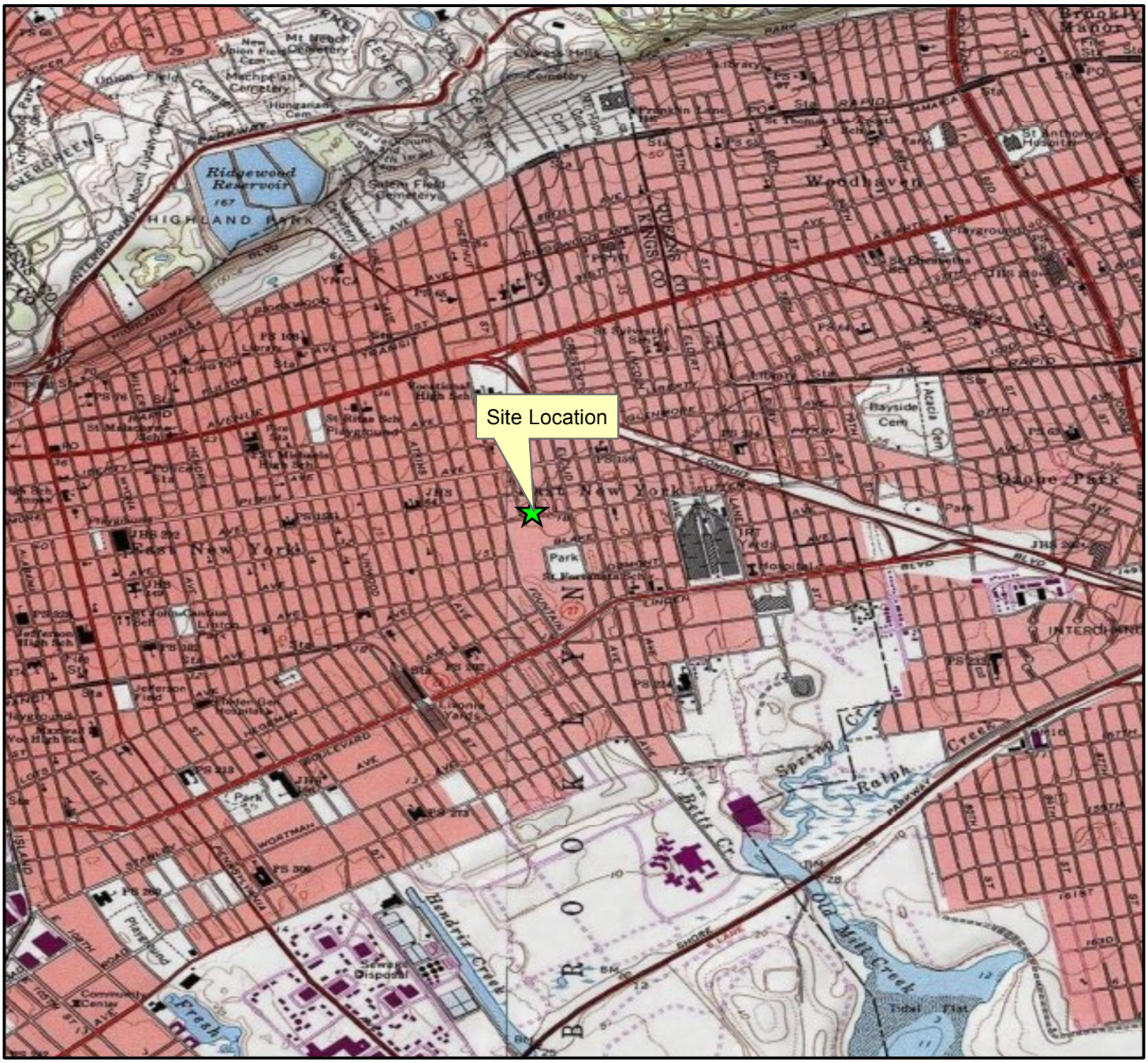


Figure 1
Topographic Map

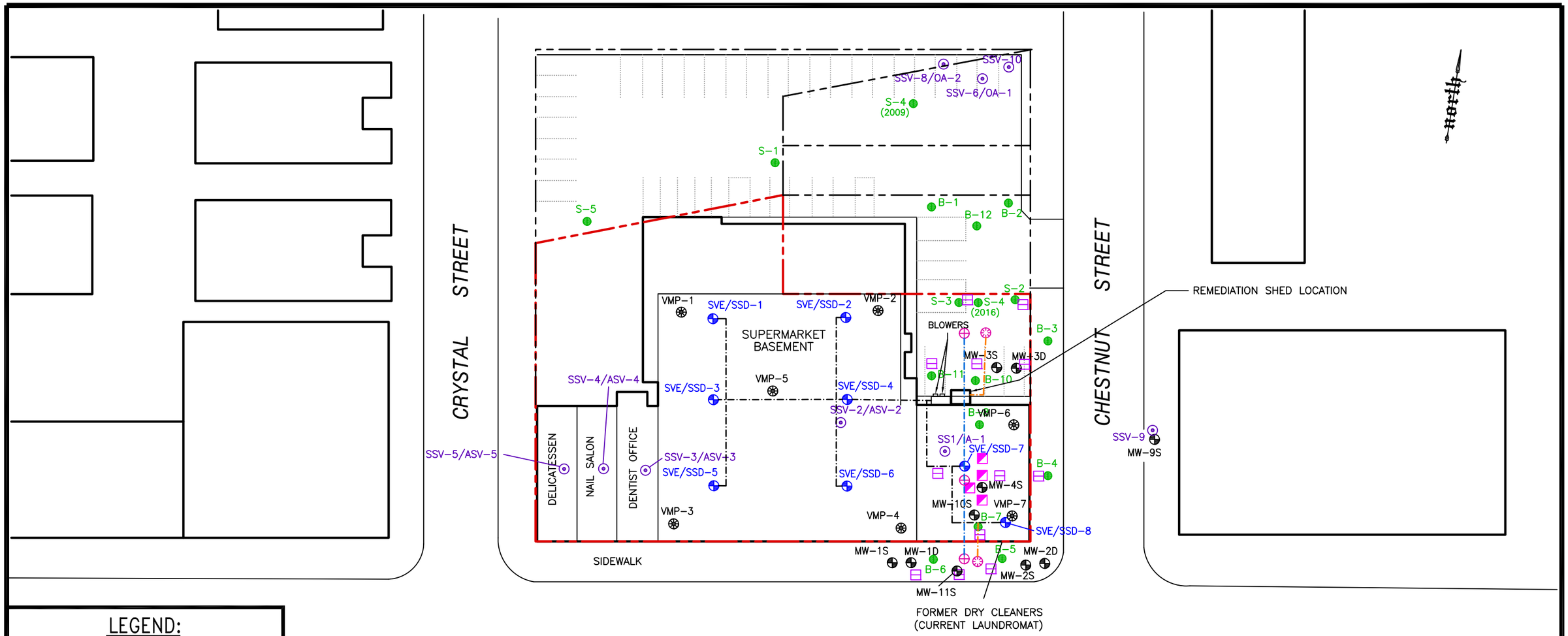
1199 Sutter Avenue
Brooklyn, NY 11208

USGS Quadrangle:
Brooklyn

Approx. Elevation:
19 feet

N
W E
S

EnviroTrac
Environmental Services
5 Old Dock Road
Yaphank, NY 11980
P: 631-924-3001 F:631-924-5001



LEGEND:

- BCP AGREEMENT SITE PROPERTY OUTLINE
- GROUNDWATER MONITORING WELL
- VAPOR MONITORING POINT
- EXISTING SVE/SSDS PIPING
- EXISTING SVE/SSDS WELL
- AIR SPARGE WELL
- SOIL VAPOR EXTRACTION WELL
- SVE PIPING
- AS PIPING
- SOIL BORING
- SOIL & AMBIENT VAPOR SAMPLE
- SSV — SUB-SLAB SAMPLE
- IA/ASV — INDOOR AIR SAMPLE
- OA — OUTDOOR AIR SAMPLE
- INJECTION WELL (INSTALLED 2009)
- INJECTION WELL (INSTALLED 2017)

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 20 40
SCALE IN FEET

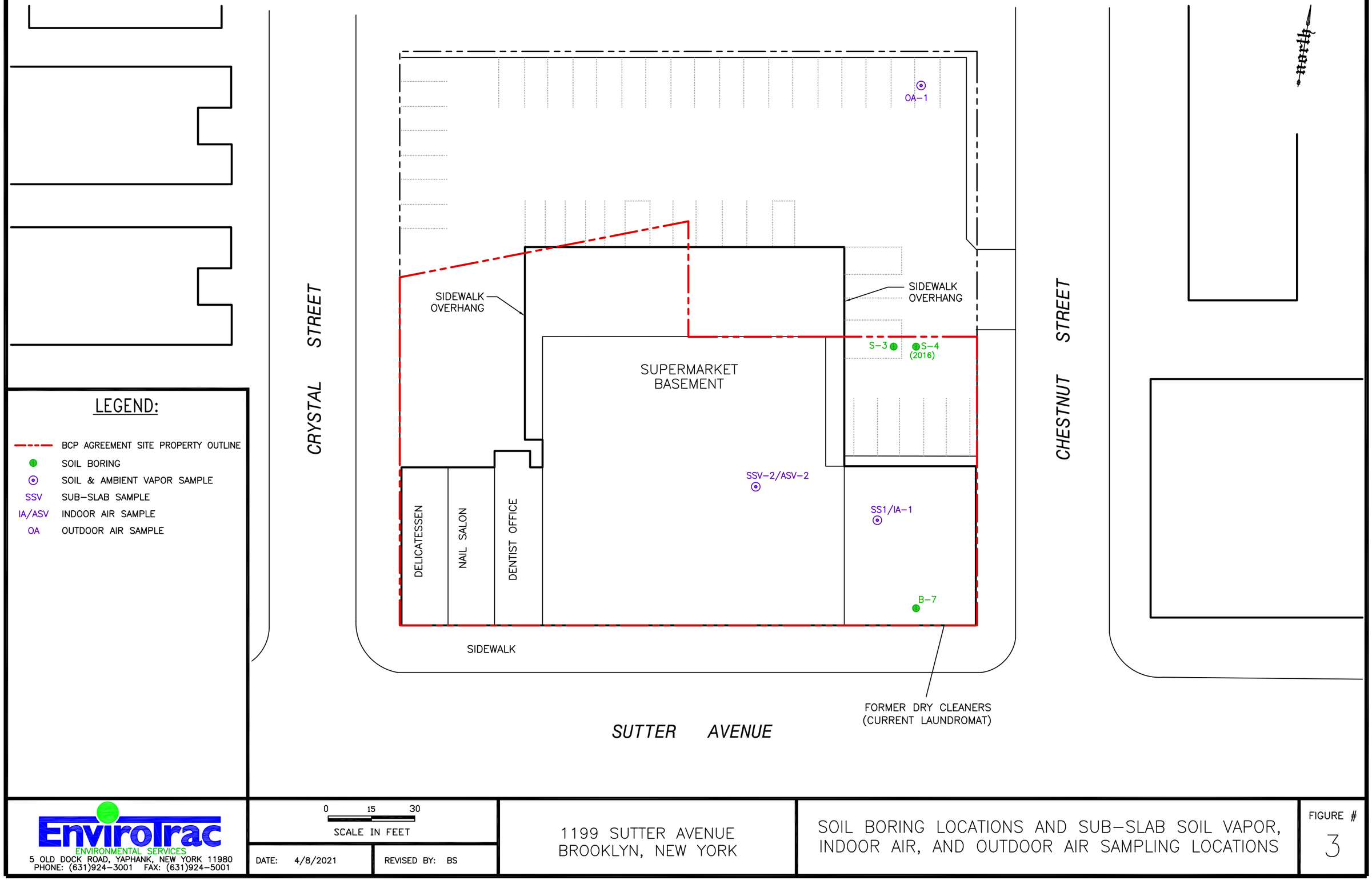
DATE: 4/8/2021

REVISED BY: BS

1199 SUTTER AVENUE
BROOKLYN, NEW YORK

PREVIOUS SAMPLING LOCATIONS, EXISTING REMEDIATION SYSTEM, EXISTING MITIGATION SYSTEM, AND EXISTING GROUNDWATER MONITORING WELL LOCATIONS

FIGURE # 2



LEGEND:

- BCP AGREEMENT SITE PROPERTY OUTLINE
- SOIL BORING
- SOIL & AMBIENT VAPOR SAMPLE
- SSV — SUB-SLAB SAMPLE
- IA/ASV — INDOOR AIR SAMPLE
- OA — OUTDOOR AIR SAMPLE

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 15 30
SCALE IN FEET

DATE: 4/8/2021

REVISED BY: BS

1199 SUTTER AVENUE
BROOKLYN, NEW YORK

SOIL BORING LOCATIONS AND SUB-SLAB SOIL VAPOR, INDOOR AIR, AND OUTDOOR AIR SAMPLING LOCATIONS

FIGURE # 3

Sample Collection Depth	11'-12'		NYSDEC Soil Cleanup Objectives			
Sample Location	S4		Unrestricted Use	Residential Use	Restricted Residential Use	Restricted Commercial Use
Sample Date	4/5/2016	5/10/2021				
Volatile Organic Compounds						
Acetone	ND	ND	50	100,000	100,000	500,000
Tetrachloroethene	**15,000**	ND	1,300	5,500	19,000	150,000

Sample Collection Depth	10'		NYSDEC Soil Cleanup Objectives			
Sample Location	S3		Unrestricted Use	Residential Use	Restricted Residential Use	Restricted Commercial Use
Sample Date	1/6/2009	5/10/2021				
Volatile Organic Compounds						
Acetone	ND	ND	50	100,000	100,000	500,000
Tetrachloroethene	**37,500**	35.4	1,300	5,500	19,000	150,000

Parameter:	Sample Designation:	OA-1
	Sampling Date:	5/10/21
	Sample Media:	Outdoor Air
	Location:	Parking Area, Rear of Former Dry Cleaner
	NYSDOH Indoor Air Guidance Value	
Vinyl Chloride	NA	--
cis-1,2-Dichloroethene	NA	--
Chloroform	NA	--
Trichloroethene	2	--
Tetrachloroethene	30	--

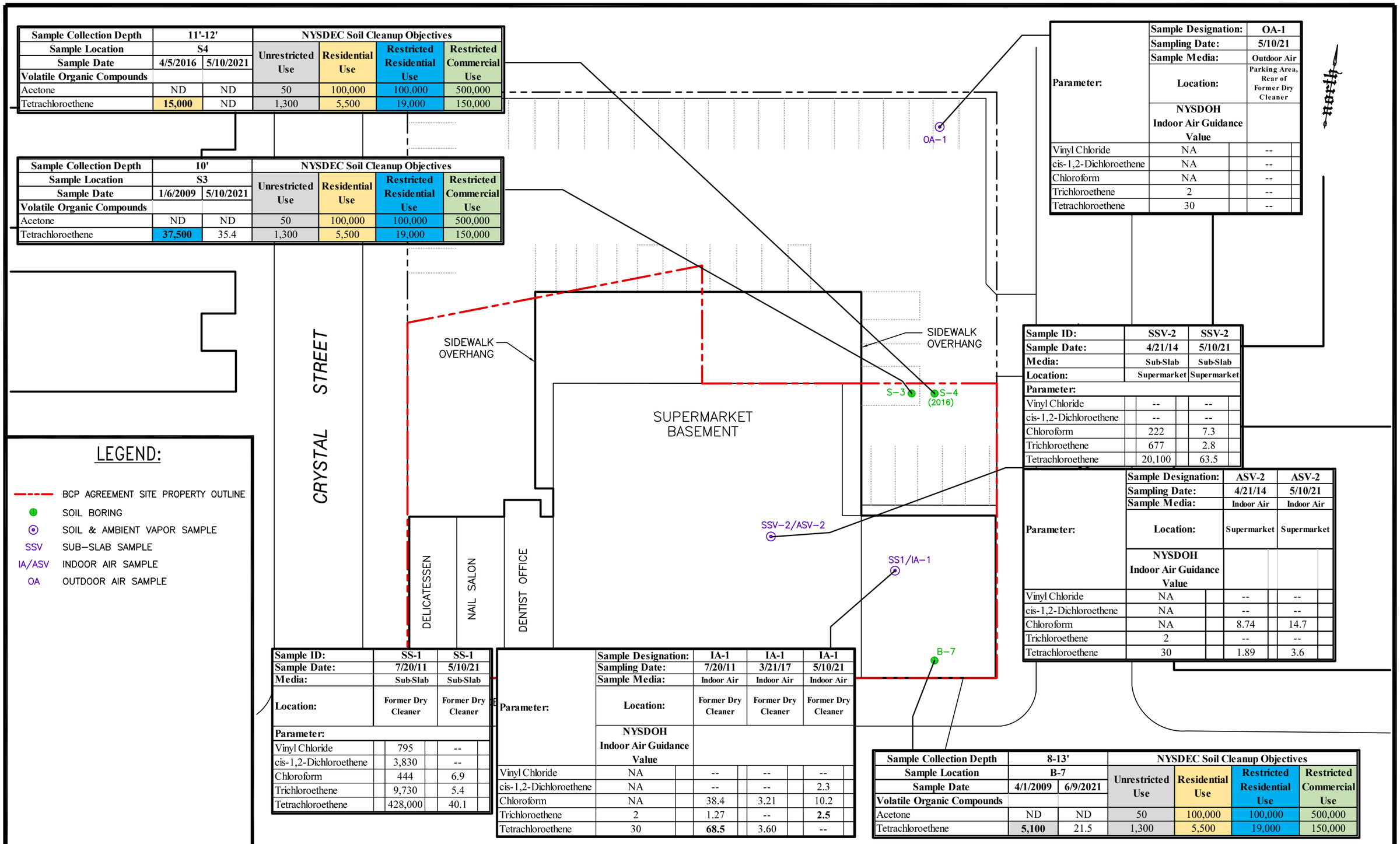
Sample ID:	SSV-2	SSV-2
Sample Date:	4/21/14	5/10/21
Media:	Sub-Slab	Sub-Slab
Location:	Supermarket	Supermarket
Parameter:		
Vinyl Chloride	--	--
cis-1,2-Dichloroethene	--	--
Chloroform	222	7.3
Trichloroethene	677	2.8
Tetrachloroethene	20,100	63.5

Parameter:	Sample Designation:	ASV-2	ASV-2
	Sampling Date:	4/21/14	5/10/21
	Sample Media:	Indoor Air	Indoor Air
	Location:	Supermarket	Supermarket
	NYSDOH Indoor Air Guidance Value		
Vinyl Chloride	NA	--	--
cis-1,2-Dichloroethene	NA	--	--
Chloroform	NA	8.74	14.7
Trichloroethene	2	--	--
Tetrachloroethene	30	1.89	3.6

Sample ID:	SS-1	SS-1
Sample Date:	7/20/11	5/10/21
Media:	Sub-Slab	Sub-Slab
Location:	Former Dry Cleaner	Former Dry Cleaner
Parameter:		
Vinyl Chloride	795	--
cis-1,2-Dichloroethene	3,830	--
Chloroform	444	6.9
Trichloroethene	9,730	5.4
Tetrachloroethene	428,000	40.1

Parameter:	Sample Designation:	IA-1	IA-1	IA-1
	Sampling Date:	7/20/11	3/21/17	5/10/21
	Sample Media:	Indoor Air	Indoor Air	Indoor Air
	Location:	Former Dry Cleaner	Former Dry Cleaner	Former Dry Cleaner
	NYSDOH Indoor Air Guidance Value			
Vinyl Chloride	NA	--	--	--
cis-1,2-Dichloroethene	NA	--	--	2.3
Chloroform	NA	38.4	3.21	10.2
Trichloroethene	2	1.27	--	**2.5**
Tetrachloroethene	30	**68.5**	3.60	--

Sample Collection Depth	8-13'		NYSDEC Soil Cleanup Objectives			
Sample Location	B-7		Unrestricted Use	Residential Use	Restricted Residential Use	Restricted Commercial Use
Sample Date	4/1/2009	6/9/2021				
Volatile Organic Compounds						
Acetone	ND	ND	50	100,000	100,000	500,000
Tetrachloroethene	**5,100**	21.5	1,300	5,500	19,000	150,000



EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 15 30
SCALE IN FEET

DATE: 6/23/2021

REVISED BY: BS

1199 SUTTER AVENUE
BROOKLYN, NEW YORK

SAMPLE LOCATIONS WITH SOIL, SUB-SLAB SOIL VAPOR, AND AMBIENT AIR RESULTS

FIGURE # 4

TABLES

Table 1
Remaining Soil Sample Exceedances
Historical Soil Sample Results Detected Above NYSDEC SCOs
2009 to April, 2016
1199 Sutter Avenue, Brooklyn, New York
BCA No. C224141

Sample Collection Depth	10'		11'-12'		8-13'		5'-6'	9'-10'	NYSDEC Soil Cleanup Objectives			
Sample Location	S3		S4		B-7		B-10	B-12	Unrestricted Use	Residential Use	Restricted Residential Use	Restricted Commercial Use
Sample Date	1/6/2009	5/10/2021	4/5/2016	5/10/2021	4/1/2009	6/9/2021	7/27/2011	7/27/2011				
Volatile Organic Compounds												
Acetone	ND	ND	ND	ND	ND	ND	**170**	**210**	50	100,000	100,000	500,000
Tetrachloroethene	**37,500**	35.4	**15,000**	ND	**5,100**	21.5	640	560	1,300	5,500	19,000	150,000

Notes:
All results reported as parts per billion (ppb) / micrograms per kilogram (ug/kg).
Analysis performed in accordance with USEPA Method 8260.
ND - Not Detected above method detection limit
Bolded and shaded values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Part 375 Soil Cleanup Objectives.

EnviroTrac
Environmental Services

Table 2
Summary of Groundwater Monitoring Well Results - July 2011 - February 2021
BCP Site # 244141
1199 Sutter Avenue, Brooklyn, NY

Sample ID	MW-1S													NYSDEC Groundwater Standards
Sample Date	**7/20/2011**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds ***(in micrograms per liter)***														
Acetone	ND	ND	ND	ND	18.4	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	**30.0**	ND	ND	ND	ND	1.00	1.50	5.30	**7.10**	3.70	3.60	**14.6**	1.90	7
cis-1,2-Dichloroethylene	0.71 J	ND	ND	ND	ND	1.70	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**84.0**	**49.5**	**46.1**	**24.9**	**21.7**	**21.6**	**18.4**	**11.6**	**5.4**	**14.4**	**8.10**	**5.30**	1.30	5*
Trichloroethene	3.2	2.1	2.8	1.3	ND	1.2	ND	ND	ND	ND	ND	2.2	ND	5*

Sample ID	MW-2S													NYSDEC Groundwater Standards
Sample Date	**7/20/2011**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds ***(in micrograms per liter)***														
Acetone	ND	8.90	ND	ND	13.4	ND	ND	ND	ND	ND	ND	ND	7.00	50
Chloroform	**13.0**	ND	ND	ND	ND	**8.40**	2.80	**7.70**	5.70	4.90	3.50	4.80	5.50	7
cis-1,2-Dichloroethylene	0.20 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**10.0**	2.20	1.10	2.90	1.50	ND	ND	ND	ND	1.50	1.00	1.30	ND	5*
Trichloroethene	0.36 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*

Sample ID	MW-4S	MW-10S												NYSDEC Groundwater Standards
Sample Date	**4/6/2016**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/221**	**5/4/2021**	
Volatile Organic Compounds ***(in micrograms per liter)***														
Acetone	ND	ND	ND	ND	12.4	ND	6.70	ND	ND	ND	ND	ND	ND	50
Chloroform	3.00 J	1.50	1.40	ND	ND	ND	ND	ND	3.30	2.70	1.30	ND	ND	7
Chloromethane	ND	ND	ND	ND	ND	ND	1.40	ND	ND	ND	ND	ND	ND	5*
cis-1,2-Dichloroethylene	2.60	ND	**6.10**	**5.10**	**5.30**	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**390**	**575**	**363**	**441**	**719**	**111**	**112**	**78.8**	**59.8**	**47.1**	**34.0**	**34.2**	**26.4**	5*
Trichloroethene	**14.0**	**21.0**	**16.2**	**13.4**	**16.2**	2.20	2.00	1.10	ND	ND	ND	ND	ND	5*

Sample ID	MW-11S												NYSDEC Groundwater Standards
Sample Date	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds ***(in micrograms per liter)***													
Acetone	ND	ND	ND	9.00	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	**9.00**	**9.80**	1.00	**9.50**	6.70	2.90	3.10	**8.50**	7
cis-1,2-Dichloroethylene	ND	1.50	3.50	2.50	ND	ND	ND	ND	ND	ND	ND	ND	5*
Tetrachloroethene	**24.1**	**37.4**	**86.7**	**105**	1.70	ND	**7.00**	1.50	1.20	1.60	**17.1**	1.10	5*
Trichloroethene	1.10	2.00	3.40	4.70	ND	ND	ND	ND	ND	ND	ND	ND	5*

Sample ID	MW-5S													NYSDEC Groundwater Standards
Sample Date	**4/6/2016**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds ***(in micrograms per liter)***														
Acetone	ND	ND	ND	ND	17.6	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	2.40 J	ND	ND	ND	ND	**8.30**	4.30	**8.00**	**7.70**	5.10	4.50	2.60	1.10	7
cis-1,2-Dichloroethylene	**5.10**	ND	**5.30**	4.80	ND	2.20	ND	ND	ND	ND	ND	1.30	ND	5*
Tetrachloroethene	**200**	**122**	**128**	**136**	**258**	**45.1**	**17.3**	**12.3**	**14.3**	**6.80**	**12.6**	**17.0**	3.80	5*
Trichloroethene	**10.0**	**7.40**	**8.20**	**7.30**	**9.60**	2.40	1.20	ND	ND	ND	ND	1.20	ND	5*

Sample ID	MW-8S													NYSDEC Groundwater Standards
Sample Date	**4/6/2016**	**5/17/2017**	**6/27/2017**	**7/27/2017**	**8/29/2017**	**8/13/2019**	**11/22/2019**	**2/14/2020**	**5/20/2020**	**8/26/2020**	**11/18/2020**	**2/10/2021**	**5/4/2021**	
Volatile Organic Compounds ***(in micrograms per liter)***														
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	3.30 J	ND	ND	ND	ND	ND	ND	1.00	ND	1.30	2.80	2.20	2.70	7
cis-1,2-Dichloroethylene	0.34 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.00	ND	5*
Tetrachloroethene	**12.0**	**5.50**	4.30	4.40	**8.40**	**13.9**	**6.40**	**6.80**	**8.30**	**5.20**	**6.50**	**7.30**	**10.7**	5*
Trichloroethene	0.62 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5*

Notes:
Only detected analytes are reported.
ND = Not Detected
J = The concentration is estimated.
* = The Principal Organic Compound Standard applies
Bold values indicate an exceedance of the New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality Standards.

EnviroTrac
Environmental Services

Table 3
Summary of Sub-Slab Soil Vapor Sample Results - July 2011 - May 2021
BCP # 244141
1199 Sutter Avenue, Brooklyn, NY

Sample ID:	SS-1	SS-1	SSV-2	SSV-2
Sample Date:	7/20/11	5/10/21	4/21/14	5/10/21
Media:	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab
Location:	Former Dry Cleaner	Former Dry Cleaner	Supermarket	Supermarket
Parameter:				
2-Propanol	--	39.6	--	34.8
Dichlorodifluoromethane	--	4.1	--	5.8
Chloromethane	--	1.5	--	--
Vinyl Chloride	795	--	--	--
Ethanol	--	77.8	--	178
Acetone	--	46.7	--	147
Trichlorofluoromethane	--	7.8	--	19
Freon 113	3,720	--	--	--
trans-1,2-Dichloroethene	390	--	--	--
1,1-Dichloroethane	380	--	--	--
2-Butanone	--	6.1	--	22.9
cis-1,2-Dichloroethene	3,830	--	--	--
Ethyl Acetate	--	2.8	--	44.4
Chloroform	444	6.9	222	7.3
1,2-Dichloroethane	538	--	--	--
n-Hexane	--	11.1	--	17.1
1,1,1-Trichloroethane	4,020	--	--	--
Benzene	--	6.9	--	9.8
Carbon Disulfide	--	--	--	3.7
Cyclohexane	--	4.5	--	10.4
Trichloroethene	9,730	5.4	677	2.8
Heptane	--	10.4	--	15.3
Toluene	757	89.6	40.7	129
Tetrachloroethene	428,000	40.1	20,100	63.5
Ethylbenzene	330	11.6	11	17.7
p+m Xylenes	--	45.5	41	67.7
Styrene	262	2	--	2.9
o Xylene	--	10.9		16.9
4-Ethyltoluene	--	4.3	--	5.9
1,3,5-Trimethylbenzene	--	--	--	4.9
1,2,4-Trimethylbenzene	--	8.2	16	13.7

Notes:
Only detected analytes are reported.
All concentrations provided in micrograms per cubic meter (ug/m^3)
-- Not Detected Relative to Laboratory Reporting Limit

EnviroTrac
Environmental Services

Table 4
Summary of Indoor Air Sample Results For Units with SSDS - July 2011 - May 2021
BCP # 244141
1199 Sutter Avenue, Brooklyn, NY

Parameter:	Sample Designation:	IA-1	IA-1	IA-1	ASV-2	ASV-2	OA-1
	Sampling Date:	7/20/11	3/21/17	5/10/21	4/21/14	5/10/21	5/10/21
	Sample Media:	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Outdoor Air
	Location:	Former Dry Cleaner	Former Dry Cleaner	Former Dry Cleaner	Supermarket	Supermarket	Parking Area, Rear of Former Dry Cleaner
	NYSDOH Air Guidance Value						
2-Propanol	NA	--	--	90.8	--	616	4.1
Propylene	NA	1.91	--	--	--	--	--
Dichlorodifluoromethane	NA	3.81	2.22	3.2	6.03	4.6	2.7
Chloromethane	NA	3.45	1.00	--	1.94	27.2	0.74
Vinyl Chloride	NA	--	--	--	--	--	--
1,3-Butadiene	NA	--	--	--	0.173	--	--
Chloroethane	NA	--	--	--	0.124	--	--
Ethanol	NA	920	--	84.6	--	425	18.8
Acetone	NA	--	7.79	32.3	--	122	16
Trichlorofluoromethane	NA	27.8	2.41	3.5	8.99	14.9	1.8
Isopropanol	NA	61.4	--	--	--	--	--
Methylene Chloride	60	--	1.15	--	--	--	--
Freon 113	NA	--	--	--	0.636	--	--
2-Butanone	NA	16.5	1.06	--	--	16.1	--
cis-1,2-Dichloroethene	NA	--	--	2.3	--	--	--
Ethyl Acetate	NA	8.11	--	--	--	5.8	--
Chloroform	NA	38.4	3.21	10.2	8.74	14.7	--
Tetrahydrofuran	NA	17.5	--	--	--	14.6	--
n-Hexane	NA	7.79	--	--	--	6.9	--
1,1,1-Trichloroethane	NA	--	--	--	--	--	--
Benzene	NA	3.77	1.24	0.81	1.38	3.7	0.94
Carbon Tetrachloride	NA	--	--	--	0.566	--	--
Cyclohexane	NA	2.11	--	--	--	4.2	--
Bromodichloromethane	NA	1.67	--	--	0.174	--	--
Trichloroethene	2	1.27	--	**2.5**	--	--	--
2,2,4-Trimethylpentane	NA	1.63	--	--	--	--	--
Heptane	NA	5.04	--	--	--	--	--
Toluene	NA	11.4	3.55	3	10.9	53.6	2
Tetrachloroethene	30	**68.5**	3.60	--	1.89	3.6	--
Ethylbenzene	NA	1.7	--	--	1.34	11.6	--
p+m Xylenes	NA	6.34	1.84	--	5.21	48.2	--
Styrene	NA	--	--	--	0.856	--	--
o Xylene	NA	2.96	--	--	2.16	12.9	--
4-Ethyltoluene	NA	1.9	--	--	1.20	5.2	--
1,3,5-Trimethylbenzene	NA	2.9	--	--	1.23	4.5	--
1,2,4-Trimethylbenzene	NA	8.65	--	--	4.36	12.6	--
1,4-Dichlorobenzene	NA	2.84	--	--	1.05	--	--

Notes:

All concentrations provided in micrograms per cubic meter (ug/m^3)
-- Detected Below the Laboratory Method Detection Limit
NA - Not Applicable/Not Available
IA - Indoor Air
OA - Outdoor Air
NYSDOH - New York State Department of Health
Bolded and shaded values indicate exceedance of the NYSDOH Indoor Air Guidance Values.

EnviroTrac
Environmental Services

APPENDICES

EnviroTrac
Environmental Services

APPENDIX A

NYSDOH Soil Vapor Intrusion – Structure Sampling Building Questionnaire

Soil Vapor Intrusion - Structure Sampling Building Questionnaire **Structure ID :** _____

Site No. : BCP Site # C224141 **Site Name :** 1199 Sutter Avenue

Date: 5/10/21 **Time:** 1000

Structure Address : 1199 Sutter Avenue, Brooklyn, NY

Preparer's Name & Affiliation : Matthew Miranda / EnviroTrac. Ltd.

Residential ? ☐ Yes ☒ No **Owner Occupied ?** ☐ Yes ☒ No **Owner Interviewed ?** ☐ Yes ☒ No

Commercial ? ☒ Yes ☐ No **Industrial ?** ☐ Yes ☒ No **Mixed Uses ?** ☐ Yes ☒ No

Identify all non-residential use(s) : 24/7 Eats Deli & Grill, Beauty Supply, Apple Deli & Grill (vacant), Keyfood Supermarket, Xin Xin Laundry + Dry Cleaner (Send out)

Owner Name : AAA Sutter Realty **Owner Phone :** ( ) _____ - _____

Secondary Owner Phone : ( ) _____ - _____

Owner Address (if different) : 153-157 Seventh St. Garden City, NY 11530

Occupant Name : _____ **Occupant Phone :** ( ) _____ - _____

Secondary Occupant Phone : ( ) _____ - _____

Number & Age of All Persons Residing at this Location : N/A

Additional Owner/Occupant Information : _____

Describe Structure (style, number floors, size) : Single-story, 5 commercial units, w/ segregated basements

Approximate **Year Built :** _____ Is the building **Insulated?** ☐ Yes ☐ No

Lowest level : ☐ Slab-on-grade ☒ Basement ☐ Crawlspace

Describe Lowest Level (finishing, use, time spent in space) : Concrete block walls, concrete slab floor

Floor Type: ☒ Concrete Slab ☐ Dirt ☐ Mixed : _____

Floor Condition : ☐ Good (few or no cracks) ☒ Average (some cracks) ☐ Poor (broken concrete or dirt)

Sumps/Drains? ☒ Yes ☐ No Describe : open laundry drain to sewer; rear parking lot catch basin

Identify other floor penetrations & details : _____

Wall Construction : ☒ Concrete Block ☐ Poured Concrete ☐ Laid-Up Stone

Identify any wall penetrations : SVE/SSDS PVC piping penetrations

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, etc) : Excess water/moisture from laundry drain in basement.

Heating Fuel : ☑ Oil ☐ Gas ☐ Wood ☐ Electric ☐ Other : _____

Heating System : ☐ Forced Air ☑ Hot Water ☐ Other : _____

Hot Water System : ☐ Combustion ☐ Electric ☑ Boilermate ☐ Other: _____

Clothes Dryer : ☐ Electric ☐ Gas Where is dryer **vented** to? N/A

If combustion occurs, describe where air is drawn from (cold air return, basement, external air, etc.) : _____

Fans & Vents (identify where fans/vents pull air from and where they vent/exhaust to) : _____

Soil Vapor Intrusion - Structure Sampling Building Questionnaire **Structure ID :** _____

Describe factors that may affect indoor air quality (chemical use/storage, unvented heaters, smoking, workshop):

Laundry detergents & bleach are stored in laundromat basement.
A few cleaners are stored in the basement of the supermarket, but were not in the area of the samples.

Attached garage ? ☐ Yes ☒ No Air fresheners ? ☐ Yes ☐ No

New carpet or furniture ? ☐ Yes ☒ No What/Where ? _____

Recent **painting** or **staining** ? ☐ Yes ☒ No Where ? : _____

Any **solvent** or **chemical-like** odors ? ☒ Yes ☐ No Describe : laundry detergent odor

Last time **Dry Cleaned** fabrics brought in ? _____ What / Where ? _____

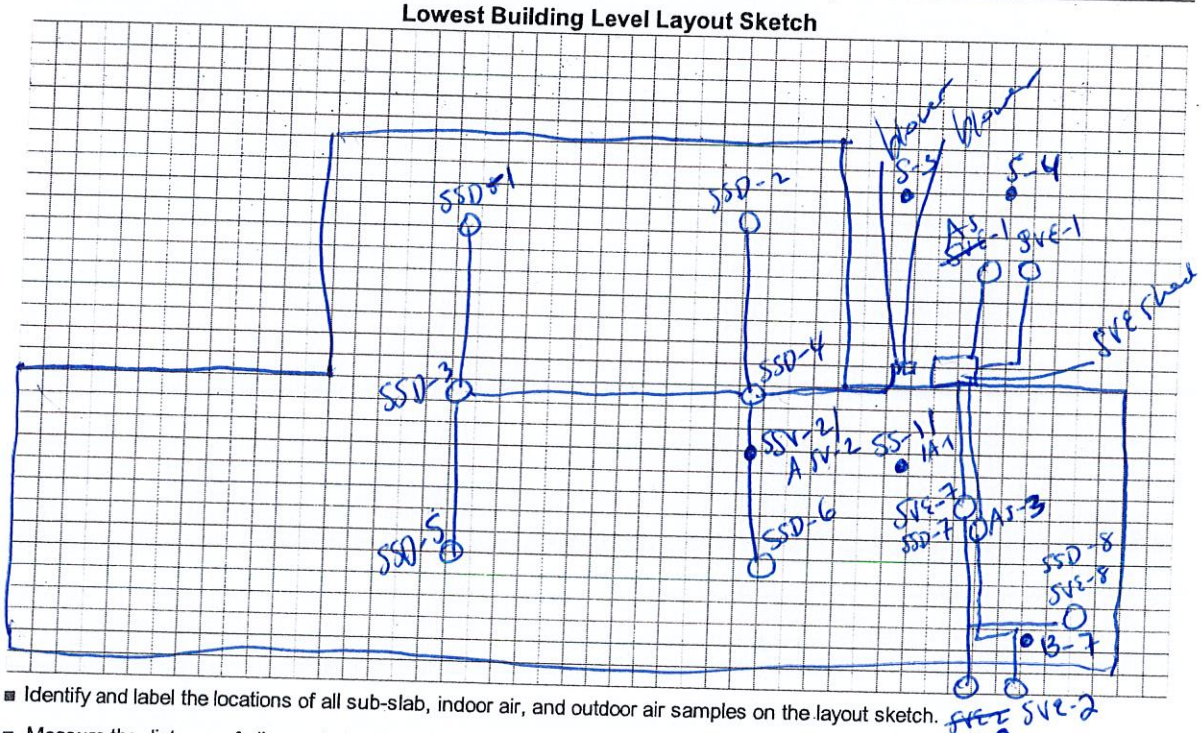
Do any building occupants use solvents at work ? ☐ Yes ☒ No Describe : _____

Any testing for Radon ? ☐ Yes ☒ No Results : _____

Radon System/Soil Vapor Intrusion Mitigation System present ? ☒ Yes ☐ No If yes, describe below

SVE & SSDS systems

Lowest Building Level Layout Sketch



- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	#######	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab vapor samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling - Product Inventory

Page _____ of _____

Homeowner Name & Address: 1199 Sutter Avenue, Brooklyn, NY

Date: 5/10/21

Samplers & Company: Matthew Miranda Enviro Tech Ltd.

Structure ID: _____

Site Number & Name: _____

Phone Number: _____

Make & Model of PID: Photocheck Tiger

Date of PID Calibration: 5/10/21

Identify any Changes from Original Building Questionnaire : _____

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
Tide Pods/ Laundromat Basement/ Good condition	Several containers		0.0	basement
Clorox Bleach				
Laundry Detergents Various types				
Laundry/Fabric Softners				
Laundry + Cleaners were also stored in basement Supermarket, but not near the Sampling location				

APPENDIX B

Laboratory Reports

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

May 19, 2021

Mr. Ed Russo
Envirotrac
5 Old Dock Road
Yaphank, NY 11980

RE: Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Dear Mr. Russo:

Enclosed are the analytical results for sample(s) received by the laboratory on May 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sophia Sparkes

Sophia Sparkes
sophia.sparkes@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, Envirotrac
Mike Rose, Envirotrac
Tracy Wall, Envirotrac Ltd.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Pace Analytical Services Long Island

Virginia Certification # 460302
Delaware Certification # NY10478
Delaware Certification # NY10478
575 Broad Hollow Rd, Melville, NY 11747
New York Certification #: 10478 Primary Accrediting Body
New Jersey Certification #: NY158
Pennsylvania Certification #: 68-00350
Connecticut Certification #: PH-0435
Maryland Certification #: 208
Rhode Island Certification #: LAO00340
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

SAMPLE ANALYTE COUNT

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70172718001	**S-3 @ 10'**	EPA 8260C	KGG	45	PACE-MV
		ASTM D2216-05M	DJM	1	PACE-MV
70172718002	**S-4 @ 11'-12'**	EPA 8260C	KGG	45	PACE-MV
		ASTM D2216-05M	DJM	1	PACE-MV

PACE-MV = Pace Analytical Services - Melville

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

PROJECT NARRATIVE

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Method: **EPA 8260C**
Description: 8260C MSV 5035A-L Low Level
Client: EnviroTrac Ltd.
Date: May 19, 2021

General Information:
2 samples were analyzed for EPA 8260C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A-L with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 209256

IL: This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.

- BLANK (Lab ID: 1043823)
  - Dichlorodifluoromethane
- DUP (Lab ID: 1043825)
  - Dichlorodifluoromethane
- LCS (Lab ID: 1043824)
  - Dichlorodifluoromethane
- MS (Lab ID: 1043826)
  - Dichlorodifluoromethane
- S-3 @ 10' (Lab ID: 70172718001)
  - Dichlorodifluoromethane
- S-4 @ 11'-12' (Lab ID: 70172718002)
  - Dichlorodifluoromethane

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 209256

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 1043823)
  - 1,2-Dichloroethane-d4 (S)
- DUP (Lab ID: 1043825)
  - 1,2-Dichloroethane-d4 (S)
- LCS (Lab ID: 1043824)
  - 1,2-Dichloroethane
  - 1,2-Dichloroethane-d4 (S)
  - Chloroethane
  - Dichlorofluoromethane
  - Hexachloro-1,3-butadiene

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

PROJECT NARRATIVE

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Method: **EPA 8260C**
Description: 8260C MSV 5035A-L Low Level
Client: EnviroTrac Ltd.
Date: May 19, 2021

QC Batch: 209256

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 1043826)
  - 1,2-Dichloroethane
  - 1,2-Dichloroethane-d4 (S)
  - Chloroethane
  - Dichlorofluoromethane
  - Hexachloro-1,3-butadiene
- S-3 @ 10' (Lab ID: 70172718001)
  - 1,2-Dichloroethane-d4 (S)
- S-4 @ 11'-12' (Lab ID: 70172718002)
  - 1,2-Dichloroethane-d4 (S)

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

- BLANK (Lab ID: 1043823)
  - 1,1,2-Trichlorotrifluoroethane
  - 1,1-Dichloroethene
  - Chlorodifluoromethane
  - Trichlorofluoromethane
- DUP (Lab ID: 1043825)
  - 1,1,2-Trichlorotrifluoroethane
  - 1,1-Dichloroethene
  - Chlorodifluoromethane
  - Trichlorofluoromethane
- LCS (Lab ID: 1043824)
  - 1,1,2-Trichlorotrifluoroethane
  - 1,1-Dichloroethene
  - Chlorodifluoromethane
  - Trichlorofluoromethane
- MS (Lab ID: 1043826)
  - 1,1,2-Trichlorotrifluoroethane
  - 1,1-Dichloroethene
  - Chlorodifluoromethane
  - Trichlorofluoromethane
- S-3 @ 10' (Lab ID: 70172718001)
  - 1,1,2-Trichlorotrifluoroethane
  - 1,1-Dichloroethene
  - Chlorodifluoromethane
  - Trichlorofluoromethane
- S-4 @ 11'-12' (Lab ID: 70172718002)
  - 1,1,2-Trichlorotrifluoroethane
  - 1,1-Dichloroethene
  - Chlorodifluoromethane
  - Trichlorofluoromethane

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

PROJECT NARRATIVE

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Method: **EPA 8260C**
Description: 8260C MSV 5035A-L Low Level
Client: EnviroTrac Ltd.
Date: May 19, 2021

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 209256

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 1043824)
  - 1,2-Dichloroethane
  - Chloromethane
  - Chloroprene
  - Dichlorofluoromethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Sample: S-3 @ 10' **Lab ID: 70172718001** Collected: 05/10/21 10:00 Received: 05/12/21 16:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L Pace Analytical Services - Melville							
Bromochloromethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	74-97-5	
Bromodichloromethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	75-27-4	
Chlorodifluoromethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	75-45-6	N3,v3
Chloroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	75-00-3	
Chloroform	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	67-66-3	
Chloromethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	74-87-3	L1
Chloroprene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	126-99-8	L1
2-Chlorotoluene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	95-49-8	
4-Chlorotoluene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	96-12-8	
Dibromochloromethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	124-48-1	
1,2-Dichlorobenzene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	95-50-1	
1,3-Dichlorobenzene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	541-73-1	
1,4-Dichlorobenzene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	106-46-7	
trans-1,4-Dichloro-2-butene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	110-57-6	
Dichlorodifluoromethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	75-71-8	IL
1,1-Dichloroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	75-34-3	
1,2-Dichloroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	107-06-2	L1
1,1-Dichloroethene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	75-35-4	v3
cis-1,2-Dichloroethene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	156-59-2	
trans-1,2-Dichloroethene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	156-60-5	
Dichlorofluoromethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	75-43-4	L1,N3
1,2-Dichloropropane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	78-87-5	
1,3-Dichloropropane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	142-28-9	
2,2-Dichloropropane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	594-20-7	
1,1-Dichloropropene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	563-58-6	
cis-1,3-Dichloropropene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	10061-01-5	
trans-1,3-Dichloropropene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	10061-02-6	
Dichlorotetrafluoroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	76-14-2	N3
Hexachloro-1,3-butadiene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	87-68-3	
Pentachloroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	76-01-7	N3
1,1,1,2-Tetrachloroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	79-34-5	
Tetrachloroethene	**35.4**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	127-18-4	
1,2,3-Trichlorobenzene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	87-61-6	
1,2,4-Trichlorobenzene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	120-82-1	
1,1,1-Trichloroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	71-55-6	
1,1,2-Trichloroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	79-00-5	
Trichloroethene	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	79-01-6	
Trichlorofluoromethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	75-69-4	v3
1,2,3-Trichloropropane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<2.3**	ug/kg	2.3	1	05/17/21 07:26	05/17/21 13:34	76-13-1	v3
Surrogates								
Toluene-d8 (S)	105	%	72-144	1	05/17/21 07:26	05/17/21 13:34	2037-26-5	
4-Bromofluorobenzene (S)	89	%	51-144	1	05/17/21 07:26	05/17/21 13:34	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Sample: S-3 @ 10' **Lab ID: 70172718001** Collected: 05/10/21 10:00 Received: 05/12/21 16:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L Pace Analytical Services - Melville							
Surrogates								
1,2-Dichloroethane-d4 (S)	129	%	63-137	1	05/17/21 07:26	05/17/21 13:34	17060-07-0	v1
Percent Moisture	Analytical Method: ASTM D2216-05M Pace Analytical Services - Melville							
Percent Moisture	**14.4**	%	0.10	1		05/17/21 16:16		

Sample: S-4 @ 11'-12' **Lab ID: 70172718002** Collected: 05/10/21 10:45 Received: 05/12/21 16:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L Pace Analytical Services - Melville							
Bromochloromethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	74-97-5	
Bromodichloromethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	75-27-4	
Chlorodifluoromethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	75-45-6	N3,v3
Chloroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	75-00-3	
Chloroform	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	67-66-3	
Chloromethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	74-87-3	L1
Chloroprene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	126-99-8	L1
2-Chlorotoluene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	95-49-8	
4-Chlorotoluene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	106-43-4	
1,2-Dibromo-3-chloropropane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	96-12-8	
Dibromochloromethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	124-48-1	
1,2-Dichlorobenzene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	95-50-1	
1,3-Dichlorobenzene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	541-73-1	
1,4-Dichlorobenzene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	106-46-7	
trans-1,4-Dichloro-2-butene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	110-57-6	
Dichlorodifluoromethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	75-71-8	IL
1,1-Dichloroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	75-34-3	
1,2-Dichloroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	107-06-2	L1
1,1-Dichloroethene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	75-35-4	v3
cis-1,2-Dichloroethene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	156-59-2	
trans-1,2-Dichloroethene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	156-60-5	
Dichlorofluoromethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	75-43-4	L1,N3
1,2-Dichloropropane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	78-87-5	
1,3-Dichloropropane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	142-28-9	
2,2-Dichloropropane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	594-20-7	
1,1-Dichloropropene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	563-58-6	
cis-1,3-Dichloropropene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	10061-01-5	
trans-1,3-Dichloropropene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	10061-02-6	
Dichlorotetrafluoroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	76-14-2	N3
Hexachloro-1,3-butadiene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	87-68-3	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Sample: S-4 @ 11'-12' **Lab ID: 70172718002** Collected: 05/10/21 10:45 Received: 05/12/21 16:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L Pace Analytical Services - Melville							
Pentachloroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	76-01-7	N3
1,1,1,2-Tetrachloroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	630-20-6	
1,1,2,2-Tetrachloroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	79-34-5	
Tetrachloroethene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	127-18-4	
1,2,3-Trichlorobenzene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	87-61-6	
1,2,4-Trichlorobenzene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	120-82-1	
1,1,1-Trichloroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	71-55-6	
1,1,2-Trichloroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	79-00-5	
Trichloroethene	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	79-01-6	
Trichlorofluoromethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	75-69-4	v3
1,2,3-Trichloropropane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<3.9**	ug/kg	3.9	1	05/17/21 07:26	05/17/21 13:59	76-13-1	v3
Surrogates								
Toluene-d8 (S)	95	%	72-144	1	05/17/21 07:26	05/17/21 13:59	2037-26-5	
4-Bromofluorobenzene (S)	106	%	51-144	1	05/17/21 07:26	05/17/21 13:59	460-00-4	
1,2-Dichloroethane-d4 (S)	135	%	63-137	1	05/17/21 07:26	05/17/21 13:59	17060-07-0	v1
Percent Moisture	Analytical Method: ASTM D2216-05M Pace Analytical Services - Melville							
Percent Moisture	**9.7**	%	0.10	1		05/17/21 16:16		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

QC Batch: 209256
QC Batch Method: EPA 5035A-L
Analysis Method: EPA 8260C
Analysis Description: 8260 MSV 5035A-L Low Level
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70172718001, 70172718002

METHOD BLANK: 1043823 Matrix: Solid
Associated Lab Samples: 70172718001, 70172718002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,1,1-Trichloroethane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,1,2,2-Tetrachloroethane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,1,2-Trichloroethane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,1,2-Trichlorotrifluoroethane	ug/kg	<2.0	2.0	05/17/21 11:20	v3
1,1-Dichloroethane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,1-Dichloroethene	ug/kg	<2.0	2.0	05/17/21 11:20	v3
1,1-Dichloropropene	ug/kg	<2.0	2.0	05/17/21 11:20	
1,2,3-Trichlorobenzene	ug/kg	<2.0	2.0	05/17/21 11:20	
1,2,3-Trichloropropane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,2,4-Trichlorobenzene	ug/kg	<2.0	2.0	05/17/21 11:20	
1,2-Dibromo-3-chloropropane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,2-Dichlorobenzene	ug/kg	<2.0	2.0	05/17/21 11:20	
1,2-Dichloroethane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,2-Dichloropropane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,3-Dichlorobenzene	ug/kg	<2.0	2.0	05/17/21 11:20	
1,3-Dichloropropane	ug/kg	<2.0	2.0	05/17/21 11:20	
1,4-Dichlorobenzene	ug/kg	<2.0	2.0	05/17/21 11:20	
2,2-Dichloropropane	ug/kg	<2.0	2.0	05/17/21 11:20	
2-Chlorotoluene	ug/kg	<2.0	2.0	05/17/21 11:20	
4-Chlorotoluene	ug/kg	<2.0	2.0	05/17/21 11:20	
Bromochloromethane	ug/kg	<2.0	2.0	05/17/21 11:20	
Bromodichloromethane	ug/kg	<2.0	2.0	05/17/21 11:20	
Chlorodifluoromethane	ug/kg	<2.0	2.0	05/17/21 11:20	N3,v3
Chloroethane	ug/kg	<2.0	2.0	05/17/21 11:20	
Chloroform	ug/kg	<2.0	2.0	05/17/21 11:20	
Chloromethane	ug/kg	<2.0	2.0	05/17/21 11:20	
Chloroprene	ug/kg	<2.0	2.0	05/17/21 11:20	
cis-1,2-Dichloroethene	ug/kg	<2.0	2.0	05/17/21 11:20	
cis-1,3-Dichloropropene	ug/kg	<2.0	2.0	05/17/21 11:20	
Dibromochloromethane	ug/kg	<2.0	2.0	05/17/21 11:20	
Dichlorodifluoromethane	ug/kg	<2.0	2.0	05/17/21 11:20	IL
Dichlorofluoromethane	ug/kg	<2.0	2.0	05/17/21 11:20	N3
Dichlorotetrafluoroethane	ug/kg	<2.0	2.0	05/17/21 11:20	N3
Hexachloro-1,3-butadiene	ug/kg	<2.0	2.0	05/17/21 11:20	
Pentachloroethane	ug/kg	<2.0	2.0	05/17/21 11:20	N3
Tetrachloroethene	ug/kg	<2.0	2.0	05/17/21 11:20	
trans-1,2-Dichloroethene	ug/kg	<2.0	2.0	05/17/21 11:20	
trans-1,3-Dichloropropene	ug/kg	<2.0	2.0	05/17/21 11:20	
trans-1,4-Dichloro-2-butene	ug/kg	<2.0	2.0	05/17/21 11:20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

METHOD BLANK: 1043823 Matrix: Solid
Associated Lab Samples: 70172718001, 70172718002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/kg	<2.0	2.0	05/17/21 11:20	
Trichlorofluoromethane	ug/kg	<2.0	2.0	05/17/21 11:20	v3
1,2-Dichloroethane-d4 (S)	%	125	63-137	05/17/21 11:20	v1
4-Bromofluorobenzene (S)	%	103	51-144	05/17/21 11:20	
Toluene-d8 (S)	%	93	72-144	05/17/21 11:20	

LABORATORY CONTROL SAMPLE: 1043824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50.4	57.2	113	53-165	
1,1,1-Trichloroethane	ug/kg	50.4	56.3	112	70-121	
1,1,2,2-Tetrachloroethane	ug/kg	50.4	44.9	89	68-142	
1,1,2-Trichloroethane	ug/kg	50.4	46.1	92	75-148	
1,1,2-Trichlorotrifluoroethane	ug/kg	50.4	48.3	96	45-132	v3
1,1-Dichloroethane	ug/kg	50.4	57.4	114	73-119	
1,1-Dichloroethene	ug/kg	50.4	49.4	98	54-118	v3
1,1-Dichloropropene	ug/kg	50.4	54.2	107	64-126	
1,2,3-Trichlorobenzene	ug/kg	50.4	55.2	110	62-141	
1,2,3-Trichloropropane	ug/kg	50.4	48.9	97	62-139	
1,2,4-Trichlorobenzene	ug/kg	50.4	54.4	108	76-139	
1,2-Dibromo-3-chloropropane	ug/kg	50.4	49.8	99	56-133	
1,2-Dichlorobenzene	ug/kg	50.4	48.4	96	79-138	
1,2-Dichloroethane	ug/kg	50.4	66.8	132	73-125	L1,v1
1,2-Dichloropropane	ug/kg	50.4	52.9	105	79-134	
1,3-Dichlorobenzene	ug/kg	50.4	50.1	99	80-137	
1,3-Dichloropropane	ug/kg	50.4	46.9	93	69-148	
1,4-Dichlorobenzene	ug/kg	50.4	50.9	101	81-136	
2,2-Dichloropropane	ug/kg	50.4	63.3	126	59-132	
2-Chlorotoluene	ug/kg	50.4	48.8	97	70-134	
4-Chlorotoluene	ug/kg	50.4	56.3	112	72-133	
Bromochloromethane	ug/kg	50.4	48.2	96	74-128	
Bromodichloromethane	ug/kg	50.4	53.1	105	82-131	
Chlorodifluoromethane	ug/kg	50.4	47.3	94	49-123	N3,v3
Chloroethane	ug/kg	50.4	71.6	142	15-142	v1
Chloroform	ug/kg	50.4	52.6	104	77-121	
Chloromethane	ug/kg	50.4	66.3	132	45-118	L1
Chloroprene	ug/kg	50.4	72.0	143	60-140	L1
cis-1,2-Dichloroethene	ug/kg	50.4	50.7	101	78-121	
cis-1,3-Dichloropropene	ug/kg	50.4	52.1	103	82-136	
Dibromochloromethane	ug/kg	50.4	52.1	103	65-157	
Dichlorodifluoromethane	ug/kg	50.4	58.2	116	17-150	IL
Dichlorofluoromethane	ug/kg	50.4	75.0	149	62-142	L1,N3,v1
Dichlorotetrafluoroethane	ug/kg	50.4	64.8	129	15-149	N3
Hexachloro-1,3-butadiene	ug/kg	50.4	72.3	143	33-157	v1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

LABORATORY CONTROL SAMPLE: 1043824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachloroethane	ug/kg	50.4	56.8	113	60-140	N3
Tetrachloroethene	ug/kg	50.4	56.0	111	56-159	
trans-1,2-Dichloroethene	ug/kg	50.4	49.7	99	70-120	
trans-1,3-Dichloropropene	ug/kg	50.4	53.3	106	77-144	
trans-1,4-Dichloro-2-butene	ug/kg	50.4	56.8	113	62-139	
Trichloroethene	ug/kg	50.4	56.1	111	76-124	
Trichlorofluoromethane	ug/kg	50.4	51.1	101	44-118	v3
1,2-Dichloroethane-d4 (S)	%			120	63-137	v1
4-Bromofluorobenzene (S)	%			105	51-144	
Toluene-d8 (S)	%			95	72-144	

MATRIX SPIKE SAMPLE: 1043826

Parameter	Units	70173137002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<4.5	69.7	64.7	93	35-169	
1,1,1-Trichloroethane	ug/kg	<4.5	69.7	55.4	79	57-147	
1,1,2,2-Tetrachloroethane	ug/kg	<4.5	69.7	68.5	98	22-182	
1,1,2-Trichloroethane	ug/kg	<4.5	69.7	61.5	88	54-139	
1,1,2-Trichlorotrifluoroethane	ug/kg	<4.5	69.7	32.7	47	47-148	v3
1,1-Dichloroethane	ug/kg	<4.5	69.7	70.3	101	56-143	
1,1-Dichloroethene	ug/kg	<4.5	69.7	42.9	62	50-142	v3
1,1-Dichloropropene	ug/kg	<4.5	69.7	49.5	71	42-151	
1,2,3-Trichlorobenzene	ug/kg	<4.5	69.7	48.7	70	10-153	
1,2,3-Trichloropropane	ug/kg	<4.5	69.7	78.1	112	42-151	
1,2,4-Trichlorobenzene	ug/kg	<4.5	69.7	49.8	71	10-155	
1,2-Dibromo-3-chloropropane	ug/kg	<4.5	69.7	69.0	99	37-140	
1,2-Dichlorobenzene	ug/kg	<4.5	69.7	60.7	87	55-141	
1,2-Dichloroethane	ug/kg	<4.5	69.7	83.5	120	48-137	v1
1,2-Dichloropropane	ug/kg	<4.5	69.7	67.0	96	61-143	
1,3-Dichlorobenzene	ug/kg	<4.5	69.7	62.9	90	54-146	
1,3-Dichloropropane	ug/kg	<4.5	69.7	62.8	90	53-142	
1,4-Dichlorobenzene	ug/kg	<4.5	69.7	63.6	91	53-143	
2,2-Dichloropropane	ug/kg	<4.5	69.7	53.7	77	41-152	
2-Chlorotoluene	ug/kg	<4.5	69.7	68.0	98	46-161	
4-Chlorotoluene	ug/kg	<4.5	69.7	68.0	98	45-155	
Bromochloromethane	ug/kg	<4.5	69.7	60.0	86	55-134	
Bromodichloromethane	ug/kg	<4.5	69.7	66.6	96	61-134	
Chlorodifluoromethane	ug/kg	<4.5	69.7	41.0	59	29-158	N3,v3
Chloroethane	ug/kg	<4.5	69.7	75.7	109	10-167	v1
Chloroform	ug/kg	<4.5	69.7	64.9	93	59-144	
Chloromethane	ug/kg	<4.5	69.7	72.2	104	35-136	
Chloroprene	ug/kg	<4.5	69.7	64.3	92	60-140	
cis-1,2-Dichloroethene	ug/kg	<4.5	69.7	60.2	86	60-140	
cis-1,3-Dichloropropene	ug/kg	<4.5	69.7	63.5	91	56-137	
Dibromochloromethane	ug/kg	<4.5	69.7	65.4	94	44-154	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

MATRIX SPIKE SAMPLE: 1043826

Parameter	Units	70173137002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dichlorodifluoromethane	ug/kg	<4.5	69.7	38.5	55	10-203	IL
Dichlorofluoromethane	ug/kg	<4.5	69.7	83.2	119	60-140	N3,v1
Dichlorotetrafluoroethane	ug/kg	<4.5	69.7	38.4	55	10-162	N3
Hexachloro-1,3-butadiene	ug/kg	<4.5	69.7	40.3	58	10-170	v1
Pentachloroethane	ug/kg	<4.5	69.7	65.5	94	60-140	N3
Tetrachloroethene	ug/kg	<4.5	69.7	55.5	80	10-231	
trans-1,2-Dichloroethene	ug/kg	<4.5	69.7	52.9	76	54-143	
trans-1,3-Dichloropropene	ug/kg	<4.5	69.7	64.0	92	47-138	
trans-1,4-Dichloro-2-butene	ug/kg	<4.5	69.7	76.5	110	62-139	
Trichloroethene	ug/kg	<4.5	69.7	66.2	95	55-150	
Trichlorofluoromethane	ug/kg	<4.5	69.7	36.3	52	48-137	v3
1,2-Dichloroethane-d4 (S)	%				126	63-137	v1
4-Bromofluorobenzene (S)	%				102	51-144	
Toluene-d8 (S)	%				99	72-144	

SAMPLE DUPLICATE: 1043825

Parameter	Units	70172718002 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<3.9	<2.1		
1,1,1-Trichloroethane	ug/kg	<3.9	<2.1		
1,1,2,2-Tetrachloroethane	ug/kg	<3.9	<2.1		
1,1,2-Trichloroethane	ug/kg	<3.9	<2.1		
1,1,2-Trichlorotrifluoroethane	ug/kg	<3.9	<2.1		v3
1,1-Dichloroethane	ug/kg	<3.9	<2.1		
1,1-Dichloroethene	ug/kg	<3.9	<2.1		v3
1,1-Dichloropropene	ug/kg	<3.9	<2.1		
1,2,3-Trichlorobenzene	ug/kg	<3.9	<2.1		
1,2,3-Trichloropropane	ug/kg	<3.9	<2.1		
1,2,4-Trichlorobenzene	ug/kg	<3.9	<2.1		
1,2-Dibromo-3-chloropropane	ug/kg	<3.9	<2.1		
1,2-Dichlorobenzene	ug/kg	<3.9	<2.1		
1,2-Dichloroethane	ug/kg	<3.9	<2.1		
1,2-Dichloropropane	ug/kg	<3.9	<2.1		
1,3-Dichlorobenzene	ug/kg	<3.9	<2.1		
1,3-Dichloropropane	ug/kg	<3.9	<2.1		
1,4-Dichlorobenzene	ug/kg	<3.9	<2.1		
2,2-Dichloropropane	ug/kg	<3.9	<2.1		
2-Chlorotoluene	ug/kg	<3.9	<2.1		
4-Chlorotoluene	ug/kg	<3.9	<2.1		
Bromochloromethane	ug/kg	<3.9	<2.1		
Bromodichloromethane	ug/kg	<3.9	<2.1		
Chlorodifluoromethane	ug/kg	<3.9	<2.1		N3,v3
Chloroethane	ug/kg	<3.9	<2.1		
Chloroform	ug/kg	<3.9	<2.1		
Chloromethane	ug/kg	<3.9	<2.1		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

SAMPLE DUPLICATE: 1043825

Parameter	Units	70172718002 Result	Dup Result	RPD	Qualifiers
Chloroprene	ug/kg	<3.9	<2.1		
cis-1,2-Dichloroethene	ug/kg	<3.9	<2.1		
cis-1,3-Dichloropropene	ug/kg	<3.9	<2.1		
Dibromochloromethane	ug/kg	<3.9	<2.1		
Dichlorodifluoromethane	ug/kg	<3.9	<2.1		IL
Dichlorofluoromethane	ug/kg	<3.9	<2.1		N3
Dichlorotetrafluoroethane	ug/kg	<3.9	<2.1		N3
Hexachloro-1,3-butadiene	ug/kg	<3.9	<2.1		
Pentachloroethane	ug/kg	<3.9	<2.1		N3
Tetrachloroethene	ug/kg	<3.9	<2.1		
trans-1,2-Dichloroethene	ug/kg	<3.9	<2.1		
trans-1,3-Dichloropropene	ug/kg	<3.9	<2.1		
trans-1,4-Dichloro-2-butene	ug/kg	<3.9	<2.1		
Trichloroethene	ug/kg	<3.9	<2.1		
Trichlorofluoromethane	ug/kg	<3.9	<2.1		v3
1,2-Dichloroethane-d4 (S)	%	135	125		v1
4-Bromofluorobenzene (S)	%	106	104		
Toluene-d8 (S)	%	95	93		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

QC Batch: 209092
QC Batch Method: ASTM D2216-05M
Analysis Method: ASTM D2216-05M
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70172718001, 70172718002

SAMPLE DUPLICATE: 1042752

Parameter	Units	70172718001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.4	14.5	0	

SAMPLE DUPLICATE: 1042753

Parameter	Units	70172718002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	9.7	9.5	2	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUTTER AVENUE 5/10
Pace Project No.: 70172718

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70172718001	**S-3 @ 10'**	EPA 5035A-L	209256	EPA 8260C	209258
70172718002	**S-4 @ 11'-12'**	EPA 5035A-L	209256	EPA 8260C	209258
70172718001	**S-3 @ 10'**	ASTM D2216-05M	209092		
70172718002	**S-4 @ 11'-12'**	ASTM D2216-05M	209092		

WO#: 70172718

70172718

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUS

The Chain-of-Custody is a LEGAL DOC

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: EnviroTrac Ltd.	Report To: Tracy Wall	Attention: Tracy Wall
Address: 5 Old Dock Road	Copy To:	Company Name:
Yaphank, NY 11980		Address:
Email To: tracyw@envirotrac.com	Purchase Order No.:	Pace Quote Reference:
Phone: 631-924-3001 Fax: 631-924-5001	Project Name: Sutter Avenue	Pace Project Manager
Requested Due Date/TAT: 5 days	Project Number: 01.991373.00, Task 10.0000	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NY

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOCs 8260, chlorinated list only	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	S-3 @ 10'	S	G	5/10/21		5/10/21	1000		4	1						1	2	X		
2	S-4 @ 11'-12'	↓	G	↓		5/10/21	1045		4	1						1	2	X		
3	~~B-7 @ 1'-5'~~ (TW)																			
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Request NYSDEC Category B	Matthew Miranda / Envirotrac Ltd	05/10/21	1900	Envirotrac Fridge	05/10/21	1900
Deliverables & EDD	ENV. Fridge	05/12/21	11:20	JT / ETNY	05/12/21	11:20
	JT / ETNY	05/12/21	11:25		5/12/21	1125
		5/12/21	1650		5/12/21	1650

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Matt Miranda

SIGNATURE of SAMPLER: Matthew Miranda

DATE Signed (MM/DD/YY): 05/10/21

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Condition Upon Receipt

Pace Analytical®

WO#: 70172718

PM: STS **Due Date: 05/19/21**

CLIENT: ENVIROTRAC

Client Name: Enviro trac

Projec

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other

Thermometer Used: TH091 Correction Factor: +0.0

Cooler Temperature(°C): 1.3 Cooler Temperature Corrected(°C): 1.3

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

Temperature Blank Present: ☐ Yes ☑ No

Type of Ice: ~~Wet~~ Blue None

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Date and Initials of person examining contents: MS 5/12/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

Did samples orignate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No		5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No		6.
Rush Turn Around Time Requested:	☐Yes	☑No		7.
Sufficient Volume: (Triple volume provided for	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑Yes	☐No		12.
-Includes date/time/ID, Matrix: (SL) WT OIL				
All containers needing preservation have been checked?	☐Yes	☐No	☑N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	☐Yes	☐No	☑N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
SM 4500 CN samples checked for sulfide?	☐Yes	☐No	☑N/A	15.
Lead Acetate Strips Lot #				
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	16.
Trip Blank Present:	☐Yes	☐No	☑N/A	17.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

May 26, 2021

Mr. Ed Russo
Envirotrac
5 Old Dock Road
Yaphank, NY 11980

RE: Project: 01.991373.00 TASK 10 - 5/10
Pace Project No.: 70172740

Dear Mr. Russo:

Enclosed are the analytical results for sample(s) received by the laboratory on May 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sophia Sparkes

Sophia Sparkes
sophia.sparkes@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, Envirotrac
Mike Rose, Envirotrac
Tracy Wall, Envirotrac Ltd.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

PROJECT NARRATIVE

Project:
Pace Project No.:

Method:
Description:
Client:
Date:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical
www.pacelabs.com

WO# : 70172740

70172740

Y / Analytical Request Document

evant fields must be completed accurately.

49209

Page: 1 of 1

Section A
Required Client Information:

Company: EnviroTrac Ltd.
Address: 510 Old Dock Rd
Yaphank, NY 11980
Email To: tracyw@envirotrac.com
Phone: 631 924 3004 Fax: 631 924 5009
Requested Due Date/TAT:

Section B
Required Project Information:

Report To: Tracy Wall
Copy To:
Purchase Order No.:
Project Name: 01.991373.00 Task 10
Project Number: Subtask 10.3

Section C
Invoice Information:

Attention: NYinvoices@envirotrac.com
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 38414

Program
☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act
☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☒ Other NJSDEC Brownfields

Location of Sampling by State NY

Reporting Units
ug/m³ ☒ mg/m³ ___
PPBV ___ PPMV ___
Other ___

Report Level II.___ III.___ IV.___ Other___

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: TO-14	Pace Lab ID
1	6LC	0.0	05/10/21	0835	05/10/21	1630	-30	-6	2700	0119	X	
2	6LC	0.0	05/10/21	0820	05/10/21	1552	-30	-7	2184	1898	X	
3	6LC	0.0	05/10/21	0825	05/10/21	1605	-30	-9	1720	0322	X	
4	6LC	0.0	05/10/21	0745	05/10/21	1410	-26	-8	1479	1438	X	
5	6LC	0.0	05/10/21	0730	05/10/21	1540	-30	-8	0966	0279	X	
6												
7												
8												
9												
10												
11												
12												

Comments :
* Cat B Deliverables
* EDD MEQUIS New Format

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Matthew Miranda/ETNY	05/10/21	1900	Envirotrac Sample Room	05/10/21	1900
Envirotrac Sample Room	05/12/21	11:20	[illegible]/ETNY	05/12/21	11:20
[illegible]/ETNY	05/12/21	11:25	[illegible]	5/12/21	1135
[illegible]	5/12/21	1650	[illegible]	5/12/21	16:50

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Matthew Miranda
SIGNATURE of SAMPLER: Matthew Miranda
DATE Signed (MM / DD / YY): 05/10/21

SAMPLE CONDITIONS			
Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

ORIGINAL

Pace Analytical®

Sample Condition Upon Receipt

WO#: 70172740

PM: STS **Due Date: 05/26/21**

CLIENT: ENVIROTRAC

Client Name: Envirotrac

Project

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Thermometer Used: TH091 Correction Factor: +0.0

Cooler Temperature(°C): – Cooler Temperature Corrected(°C): –

Temperature Blank Present:

Type of Ice: Wet Blue None

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

Date and Initials of person examining contents: KW 5/12/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

Did samples orignate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No		5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No		6.
Rush Turn Around Time Requested:	☐Yes	☑No		7.
Sufficient Volume: (Triple volume provided for	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑Yes	☐No		12.
-Includes date/time/ID, Matrix: SL WT OIL AIR				
All containers needing preservation have been checked?	☐Yes	☐No	☑N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐Yes	☐No	☑N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
SM 4500 CN samples checked for sulfide?	☐Yes	☐No	☑N/A	15.
Lead Acetate Strips Lot #				
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	16.
Trip Blank Present:	☐Yes	☐No	☑N/A	17.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

May 26, 2021

Sophia Sparkes
Pace Analytical Services
575 Broad Hollow Road
Melville, NY 11747

RE: Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Dear Sophia Sparkes:

Enclosed are the analytical results for sample(s) received by the laboratory on May 15, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Joanne M Richardson
joanne.richardson@pacelabs.com
1(612)607-6453
Project Manager

Enclosures

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
A2LA Certification #: 2926.01*
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563*
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70172740001	**OA-1**	Air	05/10/21 16:30	05/15/21 09:35
70172740002	**SS1**	Air	05/10/21 15:52	05/15/21 09:35
70172740003	**IA-1**	Air	05/10/21 16:05	05/15/21 09:35
70172740004	**SSV-2**	Air	05/10/21 14:15	05/15/21 09:35
70172740005	**ASV-2**	Air	05/10/21 15:40	05/15/21 09:35
10560367006	**Unused Canister #2820**	Air		05/15/21 09:35

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70172740001	**OA-1**	TO-15	AJA	61	PASI-M
70172740002	**SS1**	TO-15	AJA	61	PASI-M
70172740003	**IA-1**	TO-15	AJA	61	PASI-M
70172740004	**SSV-2**	TO-15	AJA	61	PASI-M
70172740005	**ASV-2**	TO-15	AJA	61	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Method: **TO-15**
Description: TO15 MSV AIR
Client: PASI Long Island- Melville
Date: May 26, 2021

General Information:
5 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 744210

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- LCS (Lab ID: 3969150)
  - Vinyl acetate
  - Vinyl chloride

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: OA-1 **Lab ID: 70172740001** Collected: 05/10/21 16:30 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Acetone	**16.0**	ug/m3	9.4	1.55		05/24/21 16:59	67-64-1	
Benzene	**0.94**	ug/m3	0.50	1.55		05/24/21 16:59	71-43-2	
Benzyl chloride	**<4.1**	ug/m3	4.1	1.55		05/24/21 16:59	100-44-7	
Bromodichloromethane	**<2.1**	ug/m3	2.1	1.55		05/24/21 16:59	75-27-4	
Bromoform	**<8.1**	ug/m3	8.1	1.55		05/24/21 16:59	75-25-2	
Bromomethane	**<1.2**	ug/m3	1.2	1.55		05/24/21 16:59	74-83-9	
1,3-Butadiene	**<0.70**	ug/m3	0.70	1.55		05/24/21 16:59	106-99-0	
2-Butanone (MEK)	**<4.6**	ug/m3	4.6	1.55		05/24/21 16:59	78-93-3	
Carbon disulfide	**<0.98**	ug/m3	0.98	1.55		05/24/21 16:59	75-15-0	
Carbon tetrachloride	**<2.0**	ug/m3	2.0	1.55		05/24/21 16:59	56-23-5	
Chlorobenzene	**<1.5**	ug/m3	1.5	1.55		05/24/21 16:59	108-90-7	
Chloroethane	**<0.83**	ug/m3	0.83	1.55		05/24/21 16:59	75-00-3	
Chloroform	**<0.77**	ug/m3	0.77	1.55		05/24/21 16:59	67-66-3	
Chloromethane	**0.74**	ug/m3	0.65	1.55		05/24/21 16:59	74-87-3	
Cyclohexane	**<2.7**	ug/m3	2.7	1.55		05/24/21 16:59	110-82-7	
Dibromochloromethane	**<2.7**	ug/m3	2.7	1.55		05/24/21 16:59	124-48-1	
1,2-Dibromoethane (EDB)	**<1.2**	ug/m3	1.2	1.55		05/24/21 16:59	106-93-4	
1,2-Dichlorobenzene	**<4.7**	ug/m3	4.7	1.55		05/24/21 16:59	95-50-1	
1,3-Dichlorobenzene	**<4.7**	ug/m3	4.7	1.55		05/24/21 16:59	541-73-1	
1,4-Dichlorobenzene	**<4.7**	ug/m3	4.7	1.55		05/24/21 16:59	106-46-7	
Dichlorodifluoromethane	**2.7**	ug/m3	1.6	1.55		05/24/21 16:59	75-71-8	
1,1-Dichloroethane	**<1.3**	ug/m3	1.3	1.55		05/24/21 16:59	75-34-3	
1,2-Dichloroethane	**<1.3**	ug/m3	1.3	1.55		05/24/21 16:59	107-06-2	
1,1-Dichloroethene	**<1.2**	ug/m3	1.2	1.55		05/24/21 16:59	75-35-4	
cis-1,2-Dichloroethene	**<1.2**	ug/m3	1.2	1.55		05/24/21 16:59	156-59-2	
trans-1,2-Dichloroethene	**<1.2**	ug/m3	1.2	1.55		05/24/21 16:59	156-60-5	
1,2-Dichloropropane	**<1.5**	ug/m3	1.5	1.55		05/24/21 16:59	78-87-5	
cis-1,3-Dichloropropene	**<3.6**	ug/m3	3.6	1.55		05/24/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	**<3.6**	ug/m3	3.6	1.55		05/24/21 16:59	10061-02-6	
Dichlorotetrafluoroethane	**<2.2**	ug/m3	2.2	1.55		05/24/21 16:59	76-14-2	
Ethanol	**18.8**	ug/m3	3.0	1.55		05/24/21 16:59	64-17-5	
Ethyl acetate	**<1.1**	ug/m3	1.1	1.55		05/24/21 16:59	141-78-6	
Ethylbenzene	**<1.4**	ug/m3	1.4	1.55		05/24/21 16:59	100-41-4	
4-Ethyltoluene	**<3.9**	ug/m3	3.9	1.55		05/24/21 16:59	622-96-8	
n-Heptane	**<1.3**	ug/m3	1.3	1.55		05/24/21 16:59	142-82-5	
Hexachloro-1,3-butadiene	**<8.4**	ug/m3	8.4	1.55		05/24/21 16:59	87-68-3	
n-Hexane	**<1.1**	ug/m3	1.1	1.55		05/24/21 16:59	110-54-3	
2-Hexanone	**<6.4**	ug/m3	6.4	1.55		05/24/21 16:59	591-78-6	
Methylene Chloride	**<5.5**	ug/m3	5.5	1.55		05/24/21 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<6.4**	ug/m3	6.4	1.55		05/24/21 16:59	108-10-1	
Methyl-tert-butyl ether	**<5.7**	ug/m3	5.7	1.55		05/24/21 16:59	1634-04-4	
Naphthalene	**<4.1**	ug/m3	4.1	1.55		05/24/21 16:59	91-20-3	
2-Propanol	**4.1**	ug/m3	3.9	1.55		05/24/21 16:59	67-63-0	
Propylene	**<1.4**	ug/m3	1.4	1.55		05/24/21 16:59	115-07-1	
Styrene	**<1.3**	ug/m3	1.3	1.55		05/24/21 16:59	100-42-5	
1,1,2,2-Tetrachloroethane	**<2.2**	ug/m3	2.2	1.55		05/24/21 16:59	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: OA-1 **Lab ID: 70172740001** Collected: 05/10/21 16:30 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Tetrachloroethene	**<1.1**	ug/m3	1.1	1.55		05/24/21 16:59	127-18-4	
Tetrahydrofuran	**<0.93**	ug/m3	0.93	1.55		05/24/21 16:59	109-99-9	
Toluene	**2.0**	ug/m3	1.2	1.55		05/24/21 16:59	108-88-3	
1,2,4-Trichlorobenzene	**<11.7**	ug/m3	11.7	1.55		05/24/21 16:59	120-82-1	
1,1,1-Trichloroethane	**<1.7**	ug/m3	1.7	1.55		05/24/21 16:59	71-55-6	
1,1,2-Trichloroethane	**<0.86**	ug/m3	0.86	1.55		05/24/21 16:59	79-00-5	
Trichloroethene	**<0.85**	ug/m3	0.85	1.55		05/24/21 16:59	79-01-6	
Trichlorofluoromethane	**1.8**	ug/m3	1.8	1.55		05/24/21 16:59	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<2.4**	ug/m3	2.4	1.55		05/24/21 16:59	76-13-1	
1,2,4-Trimethylbenzene	**<3.9**	ug/m3	3.9	1.55		05/24/21 16:59	95-63-6	
1,3,5-Trimethylbenzene	**<3.9**	ug/m3	3.9	1.55		05/24/21 16:59	108-67-8	
Vinyl acetate	**<1.1**	ug/m3	1.1	1.55		05/24/21 16:59	108-05-4	
Vinyl chloride	**<0.40**	ug/m3	0.40	1.55		05/24/21 16:59	75-01-4	
m&p-Xylene	**<2.7**	ug/m3	2.7	1.55		05/24/21 16:59	179601-23-1	
o-Xylene	**<1.4**	ug/m3	1.4	1.55		05/24/21 16:59	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: SS1 **Lab ID: 70172740002** Collected: 05/10/21 15:52 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Acetone	**46.7**	ug/m3	9.9	1.64		05/25/21 00:07	67-64-1	
Benzene	**6.9**	ug/m3	0.53	1.64		05/25/21 00:07	71-43-2	
Benzyl chloride	**<4.3**	ug/m3	4.3	1.64		05/25/21 00:07	100-44-7	
Bromodichloromethane	**<2.2**	ug/m3	2.2	1.64		05/25/21 00:07	75-27-4	
Bromoform	**<8.6**	ug/m3	8.6	1.64		05/25/21 00:07	75-25-2	
Bromomethane	**<1.3**	ug/m3	1.3	1.64		05/25/21 00:07	74-83-9	
1,3-Butadiene	**<0.74**	ug/m3	0.74	1.64		05/25/21 00:07	106-99-0	
2-Butanone (MEK)	**6.1**	ug/m3	4.9	1.64		05/25/21 00:07	78-93-3	
Carbon disulfide	**<1.0**	ug/m3	1.0	1.64		05/25/21 00:07	75-15-0	
Carbon tetrachloride	**<2.1**	ug/m3	2.1	1.64		05/25/21 00:07	56-23-5	
Chlorobenzene	**<1.5**	ug/m3	1.5	1.64		05/25/21 00:07	108-90-7	
Chloroethane	**<0.88**	ug/m3	0.88	1.64		05/25/21 00:07	75-00-3	
Chloroform	**6.9**	ug/m3	0.81	1.64		05/25/21 00:07	67-66-3	
Chloromethane	**1.5**	ug/m3	0.69	1.64		05/25/21 00:07	74-87-3	
Cyclohexane	**4.5**	ug/m3	2.9	1.64		05/25/21 00:07	110-82-7	
Dibromochloromethane	**<2.8**	ug/m3	2.8	1.64		05/25/21 00:07	124-48-1	
1,2-Dibromoethane (EDB)	**<1.3**	ug/m3	1.3	1.64		05/25/21 00:07	106-93-4	
1,2-Dichlorobenzene	**<5.0**	ug/m3	5.0	1.64		05/25/21 00:07	95-50-1	
1,3-Dichlorobenzene	**<5.0**	ug/m3	5.0	1.64		05/25/21 00:07	541-73-1	
1,4-Dichlorobenzene	**<5.0**	ug/m3	5.0	1.64		05/25/21 00:07	106-46-7	
Dichlorodifluoromethane	**4.1**	ug/m3	1.7	1.64		05/25/21 00:07	75-71-8	
1,1-Dichloroethane	**<1.3**	ug/m3	1.3	1.64		05/25/21 00:07	75-34-3	
1,2-Dichloroethane	**<1.3**	ug/m3	1.3	1.64		05/25/21 00:07	107-06-2	
1,1-Dichloroethene	**<1.3**	ug/m3	1.3	1.64		05/25/21 00:07	75-35-4	
cis-1,2-Dichloroethene	**<1.3**	ug/m3	1.3	1.64		05/25/21 00:07	156-59-2	
trans-1,2-Dichloroethene	**<1.3**	ug/m3	1.3	1.64		05/25/21 00:07	156-60-5	
1,2-Dichloropropane	**<1.5**	ug/m3	1.5	1.64		05/25/21 00:07	78-87-5	
cis-1,3-Dichloropropene	**<3.8**	ug/m3	3.8	1.64		05/25/21 00:07	10061-01-5	
trans-1,3-Dichloropropene	**<3.8**	ug/m3	3.8	1.64		05/25/21 00:07	10061-02-6	
Dichlorotetrafluoroethane	**<2.3**	ug/m3	2.3	1.64		05/25/21 00:07	76-14-2	
Ethanol	**77.8**	ug/m3	3.1	1.64		05/25/21 00:07	64-17-5	
Ethyl acetate	**2.8**	ug/m3	1.2	1.64		05/25/21 00:07	141-78-6	
Ethylbenzene	**11.6**	ug/m3	1.4	1.64		05/25/21 00:07	100-41-4	
4-Ethyltoluene	**4.3**	ug/m3	4.1	1.64		05/25/21 00:07	622-96-8	
n-Heptane	**10.4**	ug/m3	1.4	1.64		05/25/21 00:07	142-82-5	
Hexachloro-1,3-butadiene	**<8.9**	ug/m3	8.9	1.64		05/25/21 00:07	87-68-3	
n-Hexane	**11.1**	ug/m3	1.2	1.64		05/25/21 00:07	110-54-3	
2-Hexanone	**<6.8**	ug/m3	6.8	1.64		05/25/21 00:07	591-78-6	
Methylene Chloride	**<5.8**	ug/m3	5.8	1.64		05/25/21 00:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<6.8**	ug/m3	6.8	1.64		05/25/21 00:07	108-10-1	
Methyl-tert-butyl ether	**<6.0**	ug/m3	6.0	1.64		05/25/21 00:07	1634-04-4	
Naphthalene	**<4.4**	ug/m3	4.4	1.64		05/25/21 00:07	91-20-3	
2-Propanol	**39.6**	ug/m3	4.1	1.64		05/25/21 00:07	67-63-0	
Propylene	**<1.4**	ug/m3	1.4	1.64		05/25/21 00:07	115-07-1	
Styrene	**2.0**	ug/m3	1.4	1.64		05/25/21 00:07	100-42-5	
1,1,2,2-Tetrachloroethane	**<2.3**	ug/m3	2.3	1.64		05/25/21 00:07	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: SS1 **Lab ID: 70172740002** Collected: 05/10/21 15:52 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
	Pace Analytical Services - Minneapolis							
Tetrachloroethene	**40.1**	ug/m3	1.1	1.64		05/25/21 00:07	127-18-4	
Tetrahydrofuran	**<0.98**	ug/m3	0.98	1.64		05/25/21 00:07	109-99-9	
Toluene	**89.6**	ug/m3	1.3	1.64		05/25/21 00:07	108-88-3	
1,2,4-Trichlorobenzene	**<12.4**	ug/m3	12.4	1.64		05/25/21 00:07	120-82-1	
1,1,1-Trichloroethane	**<1.8**	ug/m3	1.8	1.64		05/25/21 00:07	71-55-6	
1,1,2-Trichloroethane	**<0.91**	ug/m3	0.91	1.64		05/25/21 00:07	79-00-5	
Trichloroethene	**5.4**	ug/m3	0.90	1.64		05/25/21 00:07	79-01-6	
Trichlorofluoromethane	**7.8**	ug/m3	1.9	1.64		05/25/21 00:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<2.6**	ug/m3	2.6	1.64		05/25/21 00:07	76-13-1	
1,2,4-Trimethylbenzene	**8.2**	ug/m3	4.1	1.64		05/25/21 00:07	95-63-6	
1,3,5-Trimethylbenzene	**<4.1**	ug/m3	4.1	1.64		05/25/21 00:07	108-67-8	
Vinyl acetate	**<1.2**	ug/m3	1.2	1.64		05/25/21 00:07	108-05-4	
Vinyl chloride	**<0.43**	ug/m3	0.43	1.64		05/25/21 00:07	75-01-4	
m&p-Xylene	**45.5**	ug/m3	2.9	1.64		05/25/21 00:07	179601-23-1	
o-Xylene	**10.9**	ug/m3	1.4	1.64		05/25/21 00:07	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: IA-1 **Lab ID: 70172740003** Collected: 05/10/21 16:05 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
	Pace Analytical Services - Minneapolis							
Acetone	**32.3**	ug/m3	10.1	1.68		05/24/21 18:00	67-64-1	
Benzene	**0.81**	ug/m3	0.55	1.68		05/24/21 18:00	71-43-2	
Benzyl chloride	**<4.4**	ug/m3	4.4	1.68		05/24/21 18:00	100-44-7	
Bromodichloromethane	**<2.3**	ug/m3	2.3	1.68		05/24/21 18:00	75-27-4	
Bromoform	**<8.8**	ug/m3	8.8	1.68		05/24/21 18:00	75-25-2	
Bromomethane	**<1.3**	ug/m3	1.3	1.68		05/24/21 18:00	74-83-9	
1,3-Butadiene	**<0.76**	ug/m3	0.76	1.68		05/24/21 18:00	106-99-0	
2-Butanone (MEK)	**<5.0**	ug/m3	5.0	1.68		05/24/21 18:00	78-93-3	
Carbon disulfide	**<1.1**	ug/m3	1.1	1.68		05/24/21 18:00	75-15-0	
Carbon tetrachloride	**<2.2**	ug/m3	2.2	1.68		05/24/21 18:00	56-23-5	
Chlorobenzene	**<1.6**	ug/m3	1.6	1.68		05/24/21 18:00	108-90-7	
Chloroethane	**<0.90**	ug/m3	0.90	1.68		05/24/21 18:00	75-00-3	
Chloroform	**10.2**	ug/m3	0.83	1.68		05/24/21 18:00	67-66-3	
Chloromethane	**<0.71**	ug/m3	0.71	1.68		05/24/21 18:00	74-87-3	
Cyclohexane	**<2.9**	ug/m3	2.9	1.68		05/24/21 18:00	110-82-7	
Dibromochloromethane	**<2.9**	ug/m3	2.9	1.68		05/24/21 18:00	124-48-1	
1,2-Dibromoethane (EDB)	**<1.3**	ug/m3	1.3	1.68		05/24/21 18:00	106-93-4	
1,2-Dichlorobenzene	**<5.1**	ug/m3	5.1	1.68		05/24/21 18:00	95-50-1	
1,3-Dichlorobenzene	**<5.1**	ug/m3	5.1	1.68		05/24/21 18:00	541-73-1	
1,4-Dichlorobenzene	**<5.1**	ug/m3	5.1	1.68		05/24/21 18:00	106-46-7	
Dichlorodifluoromethane	**3.2**	ug/m3	1.7	1.68		05/24/21 18:00	75-71-8	
1,1-Dichloroethane	**<1.4**	ug/m3	1.4	1.68		05/24/21 18:00	75-34-3	
1,2-Dichloroethane	**<1.4**	ug/m3	1.4	1.68		05/24/21 18:00	107-06-2	
1,1-Dichloroethene	**<1.4**	ug/m3	1.4	1.68		05/24/21 18:00	75-35-4	
cis-1,2-Dichloroethene	**2.3**	ug/m3	1.4	1.68		05/24/21 18:00	156-59-2	
trans-1,2-Dichloroethene	**<1.4**	ug/m3	1.4	1.68		05/24/21 18:00	156-60-5	
1,2-Dichloropropane	**<1.6**	ug/m3	1.6	1.68		05/24/21 18:00	78-87-5	
cis-1,3-Dichloropropene	**<3.9**	ug/m3	3.9	1.68		05/24/21 18:00	10061-01-5	
trans-1,3-Dichloropropene	**<3.9**	ug/m3	3.9	1.68		05/24/21 18:00	10061-02-6	
Dichlorotetrafluoroethane	**<2.4**	ug/m3	2.4	1.68		05/24/21 18:00	76-14-2	
Ethanol	**84.6**	ug/m3	3.2	1.68		05/24/21 18:00	64-17-5	
Ethyl acetate	**<1.2**	ug/m3	1.2	1.68		05/24/21 18:00	141-78-6	
Ethylbenzene	**<1.5**	ug/m3	1.5	1.68		05/24/21 18:00	100-41-4	
4-Ethyltoluene	**<4.2**	ug/m3	4.2	1.68		05/24/21 18:00	622-96-8	
n-Heptane	**<1.4**	ug/m3	1.4	1.68		05/24/21 18:00	142-82-5	
Hexachloro-1,3-butadiene	**<9.1**	ug/m3	9.1	1.68		05/24/21 18:00	87-68-3	
n-Hexane	**<1.2**	ug/m3	1.2	1.68		05/24/21 18:00	110-54-3	
2-Hexanone	**<7.0**	ug/m3	7.0	1.68		05/24/21 18:00	591-78-6	
Methylene Chloride	**<5.9**	ug/m3	5.9	1.68		05/24/21 18:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<7.0**	ug/m3	7.0	1.68		05/24/21 18:00	108-10-1	
Methyl-tert-butyl ether	**<6.1**	ug/m3	6.1	1.68		05/24/21 18:00	1634-04-4	
Naphthalene	**<4.5**	ug/m3	4.5	1.68		05/24/21 18:00	91-20-3	
2-Propanol	**90.8**	ug/m3	4.2	1.68		05/24/21 18:00	67-63-0	
Propylene	**<1.5**	ug/m3	1.5	1.68		05/24/21 18:00	115-07-1	
Styrene	**<1.5**	ug/m3	1.5	1.68		05/24/21 18:00	100-42-5	
1,1,2,2-Tetrachloroethane	**<2.4**	ug/m3	2.4	1.68		05/24/21 18:00	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: IA-1 **Lab ID: 70172740003** Collected: 05/10/21 16:05 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Tetrachloroethene	**<1.2**	ug/m3	1.2	1.68		05/24/21 18:00	127-18-4	
Tetrahydrofuran	**<1.0**	ug/m3	1.0	1.68		05/24/21 18:00	109-99-9	
Toluene	**3.0**	ug/m3	1.3	1.68		05/24/21 18:00	108-88-3	
1,2,4-Trichlorobenzene	**<12.7**	ug/m3	12.7	1.68		05/24/21 18:00	120-82-1	
1,1,1-Trichloroethane	**<1.9**	ug/m3	1.9	1.68		05/24/21 18:00	71-55-6	
1,1,2-Trichloroethane	**<0.93**	ug/m3	0.93	1.68		05/24/21 18:00	79-00-5	
Trichloroethene	**2.5**	ug/m3	0.92	1.68		05/24/21 18:00	79-01-6	
Trichlorofluoromethane	**3.5**	ug/m3	1.9	1.68		05/24/21 18:00	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<2.6**	ug/m3	2.6	1.68		05/24/21 18:00	76-13-1	
1,2,4-Trimethylbenzene	**<4.2**	ug/m3	4.2	1.68		05/24/21 18:00	95-63-6	
1,3,5-Trimethylbenzene	**<4.2**	ug/m3	4.2	1.68		05/24/21 18:00	108-67-8	
Vinyl acetate	**<1.2**	ug/m3	1.2	1.68		05/24/21 18:00	108-05-4	
Vinyl chloride	**<0.44**	ug/m3	0.44	1.68		05/24/21 18:00	75-01-4	
m&p-Xylene	**<3.0**	ug/m3	3.0	1.68		05/24/21 18:00	179601-23-1	
o-Xylene	**<1.5**	ug/m3	1.5	1.68		05/24/21 18:00	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: SSV-2 **Lab ID: 70172740004** Collected: 05/10/21 14:15 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Acetone	**147**	ug/m3	10.1	1.68		05/25/21 00:37	67-64-1	
Benzene	**9.8**	ug/m3	0.55	1.68		05/25/21 00:37	71-43-2	
Benzyl chloride	**<4.4**	ug/m3	4.4	1.68		05/25/21 00:37	100-44-7	
Bromodichloromethane	**<2.3**	ug/m3	2.3	1.68		05/25/21 00:37	75-27-4	
Bromoform	**<8.8**	ug/m3	8.8	1.68		05/25/21 00:37	75-25-2	
Bromomethane	**<1.3**	ug/m3	1.3	1.68		05/25/21 00:37	74-83-9	
1,3-Butadiene	**<0.76**	ug/m3	0.76	1.68		05/25/21 00:37	106-99-0	
2-Butanone (MEK)	**22.9**	ug/m3	5.0	1.68		05/25/21 00:37	78-93-3	
Carbon disulfide	**3.7**	ug/m3	1.1	1.68		05/25/21 00:37	75-15-0	
Carbon tetrachloride	**<2.2**	ug/m3	2.2	1.68		05/25/21 00:37	56-23-5	
Chlorobenzene	**<1.6**	ug/m3	1.6	1.68		05/25/21 00:37	108-90-7	
Chloroethane	**<0.90**	ug/m3	0.90	1.68		05/25/21 00:37	75-00-3	
Chloroform	**7.3**	ug/m3	0.83	1.68		05/25/21 00:37	67-66-3	
Chloromethane	**<0.71**	ug/m3	0.71	1.68		05/25/21 00:37	74-87-3	
Cyclohexane	**10.4**	ug/m3	2.9	1.68		05/25/21 00:37	110-82-7	
Dibromochloromethane	**<2.9**	ug/m3	2.9	1.68		05/25/21 00:37	124-48-1	
1,2-Dibromoethane (EDB)	**<1.3**	ug/m3	1.3	1.68		05/25/21 00:37	106-93-4	
1,2-Dichlorobenzene	**<5.1**	ug/m3	5.1	1.68		05/25/21 00:37	95-50-1	
1,3-Dichlorobenzene	**<5.1**	ug/m3	5.1	1.68		05/25/21 00:37	541-73-1	
1,4-Dichlorobenzene	**<5.1**	ug/m3	5.1	1.68		05/25/21 00:37	106-46-7	
Dichlorodifluoromethane	**5.8**	ug/m3	1.7	1.68		05/25/21 00:37	75-71-8	
1,1-Dichloroethane	**<1.4**	ug/m3	1.4	1.68		05/25/21 00:37	75-34-3	
1,2-Dichloroethane	**<1.4**	ug/m3	1.4	1.68		05/25/21 00:37	107-06-2	
1,1-Dichloroethene	**<1.4**	ug/m3	1.4	1.68		05/25/21 00:37	75-35-4	
cis-1,2-Dichloroethene	**<1.4**	ug/m3	1.4	1.68		05/25/21 00:37	156-59-2	
trans-1,2-Dichloroethene	**<1.4**	ug/m3	1.4	1.68		05/25/21 00:37	156-60-5	
1,2-Dichloropropane	**<1.6**	ug/m3	1.6	1.68		05/25/21 00:37	78-87-5	
cis-1,3-Dichloropropene	**<3.9**	ug/m3	3.9	1.68		05/25/21 00:37	10061-01-5	
trans-1,3-Dichloropropene	**<3.9**	ug/m3	3.9	1.68		05/25/21 00:37	10061-02-6	
Dichlorotetrafluoroethane	**<2.4**	ug/m3	2.4	1.68		05/25/21 00:37	76-14-2	
Ethanol	**178**	ug/m3	3.2	1.68		05/25/21 00:37	64-17-5	
Ethyl acetate	**44.4**	ug/m3	1.2	1.68		05/25/21 00:37	141-78-6	
Ethylbenzene	**17.7**	ug/m3	1.5	1.68		05/25/21 00:37	100-41-4	
4-Ethyltoluene	**5.9**	ug/m3	4.2	1.68		05/25/21 00:37	622-96-8	
n-Heptane	**15.3**	ug/m3	1.4	1.68		05/25/21 00:37	142-82-5	
Hexachloro-1,3-butadiene	**<9.1**	ug/m3	9.1	1.68		05/25/21 00:37	87-68-3	
n-Hexane	**17.1**	ug/m3	1.2	1.68		05/25/21 00:37	110-54-3	
2-Hexanone	**<7.0**	ug/m3	7.0	1.68		05/25/21 00:37	591-78-6	
Methylene Chloride	**<5.9**	ug/m3	5.9	1.68		05/25/21 00:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<7.0**	ug/m3	7.0	1.68		05/25/21 00:37	108-10-1	
Methyl-tert-butyl ether	**<6.1**	ug/m3	6.1	1.68		05/25/21 00:37	1634-04-4	
Naphthalene	**<4.5**	ug/m3	4.5	1.68		05/25/21 00:37	91-20-3	
2-Propanol	**34.8**	ug/m3	4.2	1.68		05/25/21 00:37	67-63-0	
Propylene	**<1.5**	ug/m3	1.5	1.68		05/25/21 00:37	115-07-1	
Styrene	**2.9**	ug/m3	1.5	1.68		05/25/21 00:37	100-42-5	
1,1,2,2-Tetrachloroethane	**<2.4**	ug/m3	2.4	1.68		05/25/21 00:37	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: SSV-2 **Lab ID: 70172740004** Collected: 05/10/21 14:15 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Tetrachloroethene	**63.5**	ug/m3	1.2	1.68		05/25/21 00:37	127-18-4	
Tetrahydrofuran	**<1.0**	ug/m3	1.0	1.68		05/25/21 00:37	109-99-9	
Toluene	**129**	ug/m3	1.3	1.68		05/25/21 00:37	108-88-3	
1,2,4-Trichlorobenzene	**<12.7**	ug/m3	12.7	1.68		05/25/21 00:37	120-82-1	
1,1,1-Trichloroethane	**<1.9**	ug/m3	1.9	1.68		05/25/21 00:37	71-55-6	
1,1,2-Trichloroethane	**<0.93**	ug/m3	0.93	1.68		05/25/21 00:37	79-00-5	
Trichloroethene	**2.8**	ug/m3	0.92	1.68		05/25/21 00:37	79-01-6	
Trichlorofluoromethane	**19.0**	ug/m3	1.9	1.68		05/25/21 00:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<2.6**	ug/m3	2.6	1.68		05/25/21 00:37	76-13-1	
1,2,4-Trimethylbenzene	**13.7**	ug/m3	4.2	1.68		05/25/21 00:37	95-63-6	
1,3,5-Trimethylbenzene	**4.9**	ug/m3	4.2	1.68		05/25/21 00:37	108-67-8	
Vinyl acetate	**<1.2**	ug/m3	1.2	1.68		05/25/21 00:37	108-05-4	
Vinyl chloride	**<0.44**	ug/m3	0.44	1.68		05/25/21 00:37	75-01-4	
m&p-Xylene	**67.7**	ug/m3	3.0	1.68		05/25/21 00:37	179601-23-1	
o-Xylene	**16.9**	ug/m3	1.5	1.68		05/25/21 00:37	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: ASV-2 **Lab ID: 70172740005** Collected: 05/10/21 15:40 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Acetone	**122**	ug/m3	9.7	1.61		05/25/21 01:08	67-64-1	
Benzene	**3.7**	ug/m3	0.52	1.61		05/25/21 01:08	71-43-2	
Benzyl chloride	**<4.2**	ug/m3	4.2	1.61		05/25/21 01:08	100-44-7	
Bromodichloromethane	**<2.2**	ug/m3	2.2	1.61		05/25/21 01:08	75-27-4	
Bromoform	**<8.5**	ug/m3	8.5	1.61		05/25/21 01:08	75-25-2	
Bromomethane	**<1.3**	ug/m3	1.3	1.61		05/25/21 01:08	74-83-9	
1,3-Butadiene	**<0.72**	ug/m3	0.72	1.61		05/25/21 01:08	106-99-0	
2-Butanone (MEK)	**16.1**	ug/m3	4.8	1.61		05/25/21 01:08	78-93-3	
Carbon disulfide	**<1.0**	ug/m3	1.0	1.61		05/25/21 01:08	75-15-0	
Carbon tetrachloride	**<2.1**	ug/m3	2.1	1.61		05/25/21 01:08	56-23-5	
Chlorobenzene	**<1.5**	ug/m3	1.5	1.61		05/25/21 01:08	108-90-7	
Chloroethane	**<0.86**	ug/m3	0.86	1.61		05/25/21 01:08	75-00-3	
Chloroform	**14.7**	ug/m3	0.80	1.61		05/25/21 01:08	67-66-3	
Chloromethane	**27.2**	ug/m3	0.68	1.61		05/25/21 01:08	74-87-3	
Cyclohexane	**4.2**	ug/m3	2.8	1.61		05/25/21 01:08	110-82-7	
Dibromochloromethane	**<2.8**	ug/m3	2.8	1.61		05/25/21 01:08	124-48-1	
1,2-Dibromoethane (EDB)	**<1.3**	ug/m3	1.3	1.61		05/25/21 01:08	106-93-4	
1,2-Dichlorobenzene	**<4.9**	ug/m3	4.9	1.61		05/25/21 01:08	95-50-1	
1,3-Dichlorobenzene	**<4.9**	ug/m3	4.9	1.61		05/25/21 01:08	541-73-1	
1,4-Dichlorobenzene	**<4.9**	ug/m3	4.9	1.61		05/25/21 01:08	106-46-7	
Dichlorodifluoromethane	**4.6**	ug/m3	1.6	1.61		05/25/21 01:08	75-71-8	
1,1-Dichloroethane	**<1.3**	ug/m3	1.3	1.61		05/25/21 01:08	75-34-3	
1,2-Dichloroethane	**<1.3**	ug/m3	1.3	1.61		05/25/21 01:08	107-06-2	
1,1-Dichloroethene	**<1.3**	ug/m3	1.3	1.61		05/25/21 01:08	75-35-4	
cis-1,2-Dichloroethene	**<1.3**	ug/m3	1.3	1.61		05/25/21 01:08	156-59-2	
trans-1,2-Dichloroethene	**<1.3**	ug/m3	1.3	1.61		05/25/21 01:08	156-60-5	
1,2-Dichloropropane	**<1.5**	ug/m3	1.5	1.61		05/25/21 01:08	78-87-5	
cis-1,3-Dichloropropene	**<3.7**	ug/m3	3.7	1.61		05/25/21 01:08	10061-01-5	
trans-1,3-Dichloropropene	**<3.7**	ug/m3	3.7	1.61		05/25/21 01:08	10061-02-6	
Dichlorotetrafluoroethane	**<2.3**	ug/m3	2.3	1.61		05/25/21 01:08	76-14-2	
Ethanol	**425**	ug/m3	3.1	1.61		05/25/21 01:08	64-17-5	
Ethyl acetate	**5.8**	ug/m3	1.2	1.61		05/25/21 01:08	141-78-6	
Ethylbenzene	**11.6**	ug/m3	1.4	1.61		05/25/21 01:08	100-41-4	
4-Ethyltoluene	**5.2**	ug/m3	4.0	1.61		05/25/21 01:08	622-96-8	
n-Heptane	**<1.3**	ug/m3	1.3	1.61		05/25/21 01:08	142-82-5	
Hexachloro-1,3-butadiene	**<8.7**	ug/m3	8.7	1.61		05/25/21 01:08	87-68-3	
n-Hexane	**6.9**	ug/m3	1.2	1.61		05/25/21 01:08	110-54-3	
2-Hexanone	**<6.7**	ug/m3	6.7	1.61		05/25/21 01:08	591-78-6	
Methylene Chloride	**<5.7**	ug/m3	5.7	1.61		05/25/21 01:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<6.7**	ug/m3	6.7	1.61		05/25/21 01:08	108-10-1	
Methyl-tert-butyl ether	**<5.9**	ug/m3	5.9	1.61		05/25/21 01:08	1634-04-4	
Naphthalene	**<4.3**	ug/m3	4.3	1.61		05/25/21 01:08	91-20-3	
2-Propanol	**616**	ug/m3	4.0	1.61		05/25/21 01:08	67-63-0	
Propylene	**<1.4**	ug/m3	1.4	1.61		05/25/21 01:08	115-07-1	
Styrene	**<1.4**	ug/m3	1.4	1.61		05/25/21 01:08	100-42-5	
1,1,2,2-Tetrachloroethane	**<2.3**	ug/m3	2.3	1.61		05/25/21 01:08	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Sample: ASV-2 **Lab ID: 70172740005** Collected: 05/10/21 15:40 Received: 05/15/21 09:35 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Tetrachloroethene	**3.6**	ug/m3	1.1	1.61		05/25/21 01:08	127-18-4	
Tetrahydrofuran	**14.6**	ug/m3	0.97	1.61		05/25/21 01:08	109-99-9	
Toluene	**53.6**	ug/m3	1.2	1.61		05/25/21 01:08	108-88-3	
1,2,4-Trichlorobenzene	**<12.1**	ug/m3	12.1	1.61		05/25/21 01:08	120-82-1	
1,1,1-Trichloroethane	**<1.8**	ug/m3	1.8	1.61		05/25/21 01:08	71-55-6	
1,1,2-Trichloroethane	**<0.89**	ug/m3	0.89	1.61		05/25/21 01:08	79-00-5	
Trichloroethene	**<0.88**	ug/m3	0.88	1.61		05/25/21 01:08	79-01-6	
Trichlorofluoromethane	**14.9**	ug/m3	1.8	1.61		05/25/21 01:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<2.5**	ug/m3	2.5	1.61		05/25/21 01:08	76-13-1	
1,2,4-Trimethylbenzene	**12.6**	ug/m3	4.0	1.61		05/25/21 01:08	95-63-6	
1,3,5-Trimethylbenzene	**4.5**	ug/m3	4.0	1.61		05/25/21 01:08	108-67-8	
Vinyl acetate	**<1.2**	ug/m3	1.2	1.61		05/25/21 01:08	108-05-4	
Vinyl chloride	**<0.42**	ug/m3	0.42	1.61		05/25/21 01:08	75-01-4	
m&p-Xylene	**48.2**	ug/m3	2.8	1.61		05/25/21 01:08	179601-23-1	
o-Xylene	**12.9**	ug/m3	1.4	1.61		05/25/21 01:08	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

QC Batch: 744210
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 70172740001, 70172740002, 70172740003, 70172740004, 70172740005

METHOD BLANK: 3969149 Matrix: Air
Associated Lab Samples: 70172740001, 70172740002, 70172740003, 70172740004, 70172740005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<1.1	1.1	05/24/21 09:16	
1,1,2,2-Tetrachloroethane	ug/m3	<1.4	1.4	05/24/21 09:16	
1,1,2-Trichloroethane	ug/m3	<0.56	0.56	05/24/21 09:16	
1,1,2-Trichlorotrifluoroethane	ug/m3	<1.6	1.6	05/24/21 09:16	
1,1-Dichloroethane	ug/m3	<0.82	0.82	05/24/21 09:16	
1,1-Dichloroethene	ug/m3	<0.81	0.81	05/24/21 09:16	
1,2,4-Trichlorobenzene	ug/m3	<7.5	7.5	05/24/21 09:16	
1,2,4-Trimethylbenzene	ug/m3	<2.5	2.5	05/24/21 09:16	MN
1,2-Dibromoethane (EDB)	ug/m3	<0.78	0.78	05/24/21 09:16	
1,2-Dichlorobenzene	ug/m3	<3.1	3.1	05/24/21 09:16	
1,2-Dichloroethane	ug/m3	<0.82	0.82	05/24/21 09:16	
1,2-Dichloropropane	ug/m3	<0.94	0.94	05/24/21 09:16	
1,3,5-Trimethylbenzene	ug/m3	<2.5	2.5	05/24/21 09:16	MN
1,3-Butadiene	ug/m3	<0.45	0.45	05/24/21 09:16	
1,3-Dichlorobenzene	ug/m3	<3.1	3.1	05/24/21 09:16	
1,4-Dichlorobenzene	ug/m3	<3.1	3.1	05/24/21 09:16	
2-Butanone (MEK)	ug/m3	<3.0	3.0	05/24/21 09:16	
2-Hexanone	ug/m3	<4.2	4.2	05/24/21 09:16	
2-Propanol	ug/m3	<2.5	2.5	05/24/21 09:16	
4-Ethyltoluene	ug/m3	<2.5	2.5	05/24/21 09:16	
4-Methyl-2-pentanone (MIBK)	ug/m3	<4.2	4.2	05/24/21 09:16	
Acetone	ug/m3	<6.0	6.0	05/24/21 09:16	
Benzene	ug/m3	<0.32	0.32	05/24/21 09:16	
Benzyl chloride	ug/m3	<2.6	2.6	05/24/21 09:16	
Bromodichloromethane	ug/m3	<1.4	1.4	05/24/21 09:16	
Bromoform	ug/m3	<5.2	5.2	05/24/21 09:16	
Bromomethane	ug/m3	<0.79	0.79	05/24/21 09:16	
Carbon disulfide	ug/m3	<0.63	0.63	05/24/21 09:16	
Carbon tetrachloride	ug/m3	<1.3	1.3	05/24/21 09:16	
Chlorobenzene	ug/m3	<0.94	0.94	05/24/21 09:16	
Chloroethane	ug/m3	<0.54	0.54	05/24/21 09:16	
Chloroform	ug/m3	<0.50	0.50	05/24/21 09:16	
Chloromethane	ug/m3	<0.42	0.42	05/24/21 09:16	
cis-1,2-Dichloroethene	ug/m3	<0.81	0.81	05/24/21 09:16	
cis-1,3-Dichloropropene	ug/m3	<2.3	2.3	05/24/21 09:16	
Cyclohexane	ug/m3	<1.8	1.8	05/24/21 09:16	
Dibromochloromethane	ug/m3	<1.7	1.7	05/24/21 09:16	
Dichlorodifluoromethane	ug/m3	<1.0	1.0	05/24/21 09:16	
Dichlorotetrafluoroethane	ug/m3	<1.4	1.4	05/24/21 09:16	
Ethanol	ug/m3	<1.9	1.9	05/24/21 09:16	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

METHOD BLANK: 3969149 Matrix: Air
Associated Lab Samples: 70172740001, 70172740002, 70172740003, 70172740004, 70172740005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.73	0.73	05/24/21 09:16	
Ethylbenzene	ug/m3	<0.88	0.88	05/24/21 09:16	
Hexachloro-1,3-butadiene	ug/m3	<5.4	5.4	05/24/21 09:16	
m&p-Xylene	ug/m3	<1.8	1.8	05/24/21 09:16	
Methyl-tert-butyl ether	ug/m3	<3.7	3.7	05/24/21 09:16	
Methylene Chloride	ug/m3	<3.5	3.5	05/24/21 09:16	
n-Heptane	ug/m3	<0.83	0.83	05/24/21 09:16	
n-Hexane	ug/m3	<0.72	0.72	05/24/21 09:16	
Naphthalene	ug/m3	<2.7	2.7	05/24/21 09:16	
o-Xylene	ug/m3	<0.88	0.88	05/24/21 09:16	
Propylene	ug/m3	<0.88	0.88	05/24/21 09:16	
Styrene	ug/m3	<0.87	0.87	05/24/21 09:16	
Tetrachloroethene	ug/m3	<0.69	0.69	05/24/21 09:16	
Tetrahydrofuran	ug/m3	<0.60	0.60	05/24/21 09:16	
Toluene	ug/m3	<0.77	0.77	05/24/21 09:16	
trans-1,2-Dichloroethene	ug/m3	<0.81	0.81	05/24/21 09:16	
trans-1,3-Dichloropropene	ug/m3	<2.3	2.3	05/24/21 09:16	
Trichloroethene	ug/m3	<0.55	0.55	05/24/21 09:16	
Trichlorofluoromethane	ug/m3	<1.1	1.1	05/24/21 09:16	
Vinyl acetate	ug/m3	<0.72	0.72	05/24/21 09:16	
Vinyl chloride	ug/m3	<0.26	0.26	05/24/21 09:16	

LABORATORY CONTROL SAMPLE: 3969150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	63.8	108	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	83.5	111	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	61.0	102	70-134	
1,1,2-Trichlorotrifluoroethane	ug/m3	83.6	98.9	118	70-130	
1,1-Dichloroethane	ug/m3	43.9	43.6	99	70-133	
1,1-Dichloroethene	ug/m3	43.5	50.2	115	70-130	
1,2,4-Trichlorobenzene	ug/m3	177	161	91	69-132	
1,2,4-Trimethylbenzene	ug/m3	54	55.3	102	70-142	
1,2-Dibromoethane (EDB)	ug/m3	82.5	90.0	109	70-138	
1,2-Dichlorobenzene	ug/m3	66.2	62.4	94	70-146	
1,2-Dichloroethane	ug/m3	44.4	46.9	106	70-132	
1,2-Dichloropropane	ug/m3	50.6	49.9	99	70-134	
1,3,5-Trimethylbenzene	ug/m3	53.7	55.4	103	70-143	
1,3-Butadiene	ug/m3	24.2	23.7	98	70-136	
1,3-Dichlorobenzene	ug/m3	66.3	62.2	94	70-145	
1,4-Dichlorobenzene	ug/m3	66.3	63.4	96	70-140	
2-Butanone (MEK)	ug/m3	32.3	34.1	106	50-139	
2-Hexanone	ug/m3	44.8	45.0	100	70-148	
2-Propanol	ug/m3	149	165	111	67-135	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

LABORATORY CONTROL SAMPLE: 3969150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	53.7	50.2	93	70-145	
4-Methyl-2-pentanone (MIBK)	ug/m3	44.9	47.8	106	70-139	
Acetone	ug/m3	128	125	98	64-130	
Benzene	ug/m3	34.8	34.8	100	70-131	
Benzyl chloride	ug/m3	57.6	59.4	103	70-130	
Bromodichloromethane	ug/m3	73.1	77.9	106	70-133	
Bromoform	ug/m3	114	145	128	70-137	
Bromomethane	ug/m3	42.5	40.2	95	64-134	
Carbon disulfide	ug/m3	34.4	35.9	104	70-131	
Carbon tetrachloride	ug/m3	69.4	82.6	119	70-131	
Chlorobenzene	ug/m3	50.2	52.4	104	70-130	
Chloroethane	ug/m3	28.8	31.9	111	69-141	
Chloroform	ug/m3	52.4	53.1	101	70-130	
Chloromethane	ug/m3	22.6	18.5	82	70-130	
cis-1,2-Dichloroethene	ug/m3	43.4	46.0	106	70-137	
cis-1,3-Dichloropropene	ug/m3	49.4	55.4	112	70-144	
Cyclohexane	ug/m3	37.4	39.7	106	70-137	
Dibromochloromethane	ug/m3	93.2	107	115	70-132	
Dichlorodifluoromethane	ug/m3	54.6	49.9	91	70-130	
Dichlorotetrafluoroethane	ug/m3	71.2	67.4	95	70-130	
Ethanol	ug/m3	124	117	94	63-133	
Ethyl acetate	ug/m3	38.9	40.7	105	70-136	
Ethylbenzene	ug/m3	47.8	54.9	115	70-142	
Hexachloro-1,3-butadiene	ug/m3	133	168	127	70-135	
m&p-Xylene	ug/m3	95.4	115	121	70-141	
Methyl-tert-butyl ether	ug/m3	39.6	43.3	109	70-143	
Methylene Chloride	ug/m3	190	231	122	70-130	
n-Heptane	ug/m3	44.6	44.9	101	70-137	
n-Hexane	ug/m3	38	42.6	112	70-135	
Naphthalene	ug/m3	65.2	69.8	107	67-132	
o-Xylene	ug/m3	47.6	48.8	103	70-141	
Propylene	ug/m3	18.9	15.8	84	70-130	
Styrene	ug/m3	47	47.9	102	70-142	
Tetrachloroethene	ug/m3	73.4	78.3	107	70-130	
Tetrahydrofuran	ug/m3	32.1	33.9	106	70-136	
Toluene	ug/m3	41.6	45.3	109	70-138	
trans-1,2-Dichloroethene	ug/m3	43.6	43.1	99	70-130	
trans-1,3-Dichloropropene	ug/m3	50.5	58.5	116	70-145	
Trichloroethene	ug/m3	58.4	60.7	104	70-130	
Trichlorofluoromethane	ug/m3	62	69.5	112	69-135	
Vinyl acetate	ug/m3	46.4	52.0	112	70-146	SS
Vinyl chloride	ug/m3	28	32.4	116	70-137	SS

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

SAMPLE DUPLICATE: 3970207

Parameter	Units	10561686002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.62	<3.7		25	
1,1,2,2-Tetrachloroethane	ug/m3	<1.2	<4.7		25	
1,1,2-Trichloroethane	ug/m3	<0.66	<1.9		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.97	<5.2		25	
1,1-Dichloroethane	ug/m3	<0.55	<2.8		25	
1,1-Dichloroethene	ug/m3	<0.46	<2.7		25	
1,2,4-Trichlorobenzene	ug/m3	<16.4	<25.3		25	
1,2,4-Trimethylbenzene	ug/m3	3.2J	<8.4		25	
1,2-Dibromoethane (EDB)	ug/m3	<1.0	<2.6		25	
1,2-Dichlorobenzene	ug/m3	<1.4	<10.3		25	
1,2-Dichloroethane	ug/m3	<0.65	<2.8		25	
1,2-Dichloropropane	ug/m3	<0.90	<3.2		25	
1,3,5-Trimethylbenzene	ug/m3	<0.97	<8.4		25	
1,3-Butadiene	ug/m3	<0.40	<1.5		25	
1,3-Dichlorobenzene	ug/m3	<1.7	<10.3		25	
1,4-Dichlorobenzene	ug/m3	<2.9	<10.3		25	
2-Butanone (MEK)	ug/m3	12.7	12.4	2	25	
2-Hexanone	ug/m3	<1.5	<14.0		25	
2-Propanol	ug/m3	15.2	14.5	5	25	
4-Ethyltoluene	ug/m3	4.1J	<8.4		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<1.1	<14.0		25	
Acetone	ug/m3	72.3	70.1	3	25	
Benzene	ug/m3	5.6	6.0	6	25	
Benzyl chloride	ug/m3	<3.0	<8.8		25	
Bromodichloromethane	ug/m3	1.7J	<4.6		25	
Bromoform	ug/m3	<5.4	<17.6		25	
Bromomethane	ug/m3	<0.50	<2.7		25	
Carbon disulfide	ug/m3	<0.43	<2.1		25	
Carbon tetrachloride	ug/m3	<0.94	<4.3		25	
Chlorobenzene	ug/m3	<0.52	<3.1		25	
Chloroethane	ug/m3	<0.75	<1.8		25	
Chloroform	ug/m3	7.9	7.7	2	25	
Chloromethane	ug/m3	8.8	8.4	5	25	
cis-1,2-Dichloroethene	ug/m3	<0.66	<2.7		25	
cis-1,3-Dichloropropene	ug/m3	<0.86	<7.8		25	
Cyclohexane	ug/m3	<0.74	<5.9		25	
Dibromochloromethane	ug/m3	<1.7	<5.8		25	
Dichlorodifluoromethane	ug/m3	2.7J	<3.4		25	
Dichlorotetrafluoroethane	ug/m3	<0.68	<4.8		25	
Ethanol	ug/m3	400	372	7	25	
Ethyl acetate	ug/m3	<0.44	<2.5		25	
Ethylbenzene	ug/m3	1.8J	<3.0		25	
Hexachloro-1,3-butadiene	ug/m3	<4.1	<18.2		25	
m&p-Xylene	ug/m3	4.8J	<5.9		25	
Methyl-tert-butyl ether	ug/m3	<0.42	<12.3		25	
Methylene Chloride	ug/m3	<2.0	<11.9		25	
n-Heptane	ug/m3	<0.61	<2.8		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

SAMPLE DUPLICATE: 3970207

Parameter	Units	10561686002 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	<0.64	<2.4		25	
Naphthalene	ug/m3	<7.3	<8.9		25	
o-Xylene	ug/m3	2.7J	<3.0		25	
Propylene	ug/m3	<0.44	<2.9		25	
Styrene	ug/m3	3.1	3.1	1	25	
Tetrachloroethene	ug/m3	<0.98	<2.3		25	
Tetrahydrofuran	ug/m3	<0.60	<2.0		25	
Toluene	ug/m3	15.6	16.3	5	25	
trans-1,2-Dichloroethene	ug/m3	<0.56	<2.7		25	
trans-1,3-Dichloropropene	ug/m3	<1.8	<7.8		25	
Trichloroethene	ug/m3	1.6J	<1.8		25	
Trichlorofluoromethane	ug/m3	1.8J	<3.8		25	
Vinyl acetate	ug/m3	<0.70	<2.4		25	
Vinyl chloride	ug/m3	<0.29	<0.87		25	

SAMPLE DUPLICATE: 3970208

Parameter	Units	70172740001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<1.7	<1.7		25	
1,1,2,2-Tetrachloroethane	ug/m3	<2.2	<2.2		25	
1,1,2-Trichloroethane	ug/m3	<0.86	<0.86		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<2.4	<2.4		25	
1,1-Dichloroethane	ug/m3	<1.3	<1.3		25	
1,1-Dichloroethene	ug/m3	<1.2	<1.2		25	
1,2,4-Trichlorobenzene	ug/m3	<11.7	<11.7		25	
1,2,4-Trimethylbenzene	ug/m3	<3.9	<3.9		25	
1,2-Dibromoethane (EDB)	ug/m3	<1.2	<1.2		25	
1,2-Dichlorobenzene	ug/m3	<4.7	<4.7		25	
1,2-Dichloroethane	ug/m3	<1.3	<1.3		25	
1,2-Dichloropropane	ug/m3	<1.5	<1.5		25	
1,3,5-Trimethylbenzene	ug/m3	<3.9	<3.9		25	
1,3-Butadiene	ug/m3	<0.70	<0.70		25	
1,3-Dichlorobenzene	ug/m3	<4.7	<4.7		25	
1,4-Dichlorobenzene	ug/m3	<4.7	<4.7		25	
2-Butanone (MEK)	ug/m3	<4.6	<4.6		25	
2-Hexanone	ug/m3	<6.4	<6.4		25	
2-Propanol	ug/m3	4.1	<3.9		25	
4-Ethyltoluene	ug/m3	<3.9	<3.9		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<6.4	<6.4		25	
Acetone	ug/m3	16.0	16.0	0	25	
Benzene	ug/m3	0.94	0.93	2	25	
Benzyl chloride	ug/m3	<4.1	<4.1		25	
Bromodichloromethane	ug/m3	<2.1	<2.1		25	
Bromoform	ug/m3	<8.1	<8.1		25	
Bromomethane	ug/m3	<1.2	<1.2		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

SAMPLE DUPLICATE: 3970208

Parameter	Units	70172740001 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	<0.98	<0.98		25	
Carbon tetrachloride	ug/m3	<2.0	<2.0		25	
Chlorobenzene	ug/m3	<1.5	<1.5		25	
Chloroethane	ug/m3	<0.83	<0.83		25	
Chloroform	ug/m3	<0.77	<0.77		25	
Chloromethane	ug/m3	0.74	0.80	8	25	
cis-1,2-Dichloroethene	ug/m3	<1.2	<1.2		25	
cis-1,3-Dichloropropene	ug/m3	<3.6	<3.6		25	
Cyclohexane	ug/m3	<2.7	<2.7		25	
Dibromochloromethane	ug/m3	<2.7	<2.7		25	
Dichlorodifluoromethane	ug/m3	2.7	2.6	4	25	
Dichlorotetrafluoroethane	ug/m3	<2.2	<2.2		25	
Ethanol	ug/m3	18.8	15.8	17	25	
Ethyl acetate	ug/m3	<1.1	<1.1		25	
Ethylbenzene	ug/m3	<1.4	<1.4		25	
Hexachloro-1,3-butadiene	ug/m3	<8.4	<8.4		25	
m&p-Xylene	ug/m3	<2.7	<2.7		25	
Methyl-tert-butyl ether	ug/m3	<5.7	<5.7		25	
Methylene Chloride	ug/m3	<5.5	<5.5		25	
n-Heptane	ug/m3	<1.3	<1.3		25	
n-Hexane	ug/m3	<1.1	1.2		25	
Naphthalene	ug/m3	<4.1	<4.1		25	
o-Xylene	ug/m3	<1.4	<1.4		25	
Propylene	ug/m3	<1.4	<1.4		25	
Styrene	ug/m3	<1.3	<1.3		25	
Tetrachloroethene	ug/m3	<1.1	<1.1		25	
Tetrahydrofuran	ug/m3	<0.93	<0.93		25	
Toluene	ug/m3	2.0	2.1	3	25	
trans-1,2-Dichloroethene	ug/m3	<1.2	<1.2		25	
trans-1,3-Dichloropropene	ug/m3	<3.6	<3.6		25	
Trichloroethene	ug/m3	<0.85	<0.85		25	
Trichlorofluoromethane	ug/m3	1.8	<1.8		25	
Vinyl acetate	ug/m3	<1.1	<1.1		25	
Vinyl chloride	ug/m3	<0.40	<0.40		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 70172740 Enviro Trac Ltd.
Pace Project No.: 10560367

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70172740001	**OA-1**	TO-15	744210		
70172740002	**SS1**	TO-15	744210		
70172740003	**IA-1**	TO-15	744210		
70172740004	**SSV-2**	TO-15	744210		
70172740005	**ASV-2**	TO-15	744210		

Internal Transfer Chain of Custody

Pace Analytical®
www.pacelabs.com

☐ Samples Pre-Logged into eCOC.

State Of Origin: NY
Cert. Needed: ☐ Yes ☐ No

Workorder: 70172740 **Workorder Name:** 01.991373.00 TASK 10 - 5/10

Owner Received Date: 5/12/2021 **Results Requested By:** 5/26/2021

Report To	Subcontract To
Sophia Sparkes Pace Analytical Melville 575 Broad Hollow Road Melville, NY 11747 Phone (631)694-3040	Pace Analytical Minnesota 1700 Elm Street Suite 200 Minneapolis, MN 55414 Phone (612)607-1700

WO# : 10560367
10560367

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Other	TO15 - VOC FULL LIST	LAB USE ONLY
1	OA-1	PS	5/10/2021 16:30	70172740001	Air	1	X	001
2	SS1	PS	5/10/2021 15:52	70172740002	Air	1	X	002
3	IA-1	PS	5/10/2021 16:05	70172740003	Air	1	X	003
4	SSV-2	PS	5/10/2021 14:10	70172740004	Air	1	X	004
5	ASV-2	PS	5/10/2021 15:40	70172740005	Air	1	X	005

Transfers	Released By	Date/Time	Received By	Date/Time
1	Joe Ball PACE LZ	5/14/21 18:10	PACE	5.15.21 935
2				
3				

Comments

Cooler Temperature on Receipt — °C **Custody Seal** Y or (N) **Received on Ice** Y or (N) **Samples Intact** (Y) or N

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.*

Pace Analytical
www.pacelabs.com

WO# : 70172740

70172740

Y / Analytical Request Document

evant fields must be completed accurately.

49209

Page: 1 of 1

Section A Required Client Information:

Company: Envirotrac Ltd.
Address: 5 Old Dock Rd
Yaphank, NY 11980
Email To: tracyw@envirotrac.com
Phone: 631 924 3009 Fax: 631 924 5009
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Tracy Wall
Copy To:
Purchase Order No.:
Project Name: 01.991373.00 Task 10
Project Number: Sunoco

Section C Invoice Information:

Attention: NYinvoices@envirotrac.com
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 28414

Program
☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act
☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☒ Other NYSDEC Brownfield

Location of Sampling by State: NY

Reporting Units: ug/m³ ☒ mg/m³ ☐ PPBV ☐ PPMV ☐ Other ☐

Report Level II. ☐ III. ☐ IV. ☐ Other ☐

Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	Section D Required Client Information	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
1	OA-1	6LC	0.0	05/10/21	0835	05/10/21	1630	-30	-6	2700	0119					X					
2	SS1	6LC	0.0	05/10/21	0820	05/10/21	1552	-30	-7	2184	1898					X					
3	IA-1	6LC	0.0	05/10/21	0825	05/10/21	1605	-30	-9	1720	0322					X					
4	SSV-2	6LC	0.0	05/10/21	0745	05/10/21	1410	-26	-8	1479	1438					X					
5	ASV-2	6LC	0.0	05/10/21	0750	05/10/21	1540	-30	-8	0966	0279					X					
6		6LC																			
7																					
8																					
9																					
10																					
11																					
12																					

Comments:
* Cat B Deliverables
* EDD MEQUIS
New Format

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Matthew Miranda/ETNY	05/10/21	1900	Envirotrac Sample Room	05/10/21	1900
Envirotrac Sample Room	05/11/21	11:20	[illegible]/ETNY	05/11/21	11:20
[illegible]/ETNY	05/12/21	11:25	[illegible]	5/12/21	1135
[illegible]	5/13/21	1650	[illegible]	5/13/21	16:50

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Matthew Miranda
SIGNATURE of SAMPLER: [illegible] DATE Signed (MM / DD / YY): 05/10/21

SAMPLE CONDITIONS				
	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	
Temp in °C	Y/N Received on Ice	Y/N Custody Sealed Cooler	Y/N Samples Intact	

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical®

Sample Condition Upon Receipt

Client Name: Envirotrac

Project

WO#: 70172740

PM: STS **Due Date: 05/26/21**

CLIENT: ENVIROTRAC

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other

Thermometer Used: TH091 Correction Factor: +0.0

Cooler Temperature(°C): — Cooler Temperature Corrected(°C): —

Temp should be above freezing to 6.0°C

Temperature Blank Present: ☐ Yes ☐ No

Type of Ice: Wet Blue (None)

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

USDA Regulated Soil (☐ N/A, water sample)

Date and Initials of person examining contents: KW 5/12/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

Did samples orignate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No		5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No		6.
Rush Turn Around Time Requested:	☐Yes	☑No		7.
Sufficient Volume: (Triple volume provided for	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☐Yes	☐No		12.
-Includes date/time/ID, Matrix: SL WT OIL (AL)				
All containers needing preservation have been checked?	☐Yes	☐No	☑N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐Yes	☐No	☑N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
SM 4500 CN samples checked for sulfide?	☐Yes	☐No	☑N/A	15.
Lead Acetate Strips Lot #				
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	16.
Trip Blank Present:	☐Yes	☐No	☑N/A	17.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.

ENV-FRM-MELV-0024 00

Pace Analytical®	Document Name: **Sample Condition Upon Receipt (SCUR) - Air**	Document Revised: 24Mar2020 **Page 1 of 1**
	Document No.: **ENV-FRM-MIN4-0113 Rev.00**	Pace Analytical Services - **Minneapolis**

Air Sample Condition Upon Receipt

Client Name: PACE-NY

Project #:

WO# : 10560367

PM: JMR Due Date: 06/01/21

CLIENT: PASI-LINY

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Pace [ ] SpeeDee [ ] Commercial **See Exception** [ ]

Tracking Number: 5110 9905 2541, 2552

Custody Seal on Cooler/Box Present? [ ] Yes [X] No **Seals Intact?** [ ] Yes [X] No

Packing Material: [ ] Bubble Wrap [ ] Bubble Bags [X] Foam [ ] None [ ] Tin Can [ ] Other:_____ **Temp Blank rec:** [ ] Yes [X] No

Temp. (TO17 and TO13 samples only) (°C): X **Corrected Temp (°C):** X

Thermometer Used: [ ] G87A9170600254 [ ] G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** X

Date & Initials of Person Examining Contents: 5.15.21 CMY

Type of ice Received [ ] Blue [ ] Wet [X] None

		Comments:
Chain of Custody Present?	[X] Yes [ ] No	1.
Chain of Custody Filled Out?	[X] Yes [ ] No	2.
Chain of Custody Relinquished?	[X] Yes [ ] No	3.
Sampler Name and/or Signature on COC?	[ ] Yes [ ] No [X] N/A	4.
Samples Arrived within Hold Time?	[X] Yes [ ] No	5.
Short Hold Time Analysis (<72 hr)?	[ ] Yes [X] No	6.
Rush Turn Around Time Requested?	[ ] Yes [X] No	7.
Sufficient Volume?	[X] Yes [ ] No	8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-14, TO-15 or APH)** -Pace Containers Used?	[X] Yes [ ] No [X] Yes [ ] No	9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	[X] Yes [ ] No	10.
Media: Air Can Airbag Filter TDT Passive		11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	[X] Yes [ ] No	12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	[X] Yes [ ] No	13.

Gauge # [ ] 10AIR26 [X] 10AIR34 [ ] 10AIR35 [ ] 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
OA-1	2700	0119	-4	-5					
SS 1	2184	1898	-5.5	"					
IA-1	1720	0322	-6	"					
SSV-2	1479	1438	-6	"					
ASV-2	0966	0279	-5	"					
UNUSED	2820	1402	-29	—					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** [ ] Yes [ ] No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Joanne Richardson **Date:** 5-17-21

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

June 15, 2021

Mr. Ed Russo
Envirotrac
5 Old Dock Road
Yaphank, NY 11980

RE: Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

Dear Mr. Russo:

Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sophia Sparkes

Sophia Sparkes
sophia.sparkes@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, Envirotrac
Mike Rose, Envirotrac
Tracy Wall, Envirotrac Ltd.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

Pace Analytical Services Long Island
575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

SAMPLE ANALYTE COUNT

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70176266001	**B-7 @ 1'-5'**	EPA 8260C	KGG	38	PACE-MV
		ASTM D2216-05M	DJM	1	PACE-MV

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

PROJECT NARRATIVE

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

Method: **EPA 8260C**
Description: 8260C MSV 5035A-L Low Level
Client: EnviroTrac Ltd.
Date: June 15, 2021

General Information:
1 sample was analyzed for EPA 8260C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A-L with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 213043

IL: This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.

- B-7 @ 1'-5' (Lab ID: 70176266001)
  - Dichlorodifluoromethane
- BLANK (Lab ID: 1069676)
  - Dichlorodifluoromethane
- DUP (Lab ID: 1069678)
  - Dichlorodifluoromethane
- LCS (Lab ID: 1069677)
  - Dichlorodifluoromethane
- MS (Lab ID: 1069679)
  - Dichlorodifluoromethane

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 213043

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- LCS (Lab ID: 1069677)
  - Chloroethane
  - Chloromethane
  - Dichlorodifluoromethane
  - Hexachloro-1,3-butadiene
- MS (Lab ID: 1069679)
  - Chloroethane
  - Chloromethane
  - Dichlorodifluoromethane
  - Hexachloro-1,3-butadiene

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

PROJECT NARRATIVE

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

Method: **EPA 8260C**
Description: 8260C MSV 5035A-L Low Level
Client: EnviroTrac Ltd.
Date: June 15, 2021

QC Batch: 213043

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

- B-7 @ 1'-5' (Lab ID: 70176266001)
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
- BLANK (Lab ID: 1069676)
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
- DUP (Lab ID: 1069678)
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
- LCS (Lab ID: 1069677)
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
- MS (Lab ID: 1069679)
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 213043

S0: Surrogate recovery outside laboratory control limits.

- DUP (Lab ID: 1069678)
  - Toluene-d8 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

Sample: B-7 @ 1'-5' **Lab ID: 70176266001** Collected: 06/09/21 10:10 Received: 06/09/21 11:56 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C MSV 5035A-L Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A-L Pace Analytical Services - Melville							
Chlorodifluoromethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	75-45-6	N3
Chloroethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	75-00-3	
Chloroform	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	67-66-3	
Chloromethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	74-87-3	
2-Chlorotoluene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	95-49-8	
4-Chlorotoluene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	96-12-8	
Dibromochloromethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	124-48-1	
1,2-Dichlorobenzene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	95-50-1	
1,3-Dichlorobenzene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	541-73-1	
1,4-Dichlorobenzene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	106-46-7	
Dichlorodifluoromethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	75-71-8	IL
1,1-Dichloroethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	75-34-3	
1,2-Dichloroethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	107-06-2	
1,1-Dichloroethene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	75-35-4	
cis-1,2-Dichloroethene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	156-59-2	
trans-1,2-Dichloroethene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	156-60-5	
1,2-Dichloropropane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	78-87-5	
1,3-Dichloropropane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	142-28-9	
2,2-Dichloropropane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	594-20-7	
1,1-Dichloropropene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	563-58-6	
cis-1,3-Dichloropropene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	10061-01-5	
trans-1,3-Dichloropropene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	10061-02-6	
Hexachloro-1,3-butadiene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	87-68-3	
1,1,1,2-Tetrachloroethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	630-20-6	
1,1,2,2-Tetrachloroethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	79-34-5	v3
Tetrachloroethene	**21.5**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	127-18-4	
1,2,3-Trichlorobenzene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	87-61-6	
1,2,4-Trichlorobenzene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	120-82-1	
1,1,1-Trichloroethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	71-55-6	
1,1,2-Trichloroethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	79-00-5	v3
Trichloroethene	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	79-01-6	
Trichlorofluoromethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	75-69-4	
1,2,3-Trichloropropane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<2.0**	ug/kg	2.0	1	06/10/21 07:14	06/10/21 13:24	76-13-1	
Surrogates								
Toluene-d8 (S)	97	%	72-144	1	06/10/21 07:14	06/10/21 13:24	2037-26-5	
4-Bromofluorobenzene (S)	96	%	51-144	1	06/10/21 07:14	06/10/21 13:24	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	63-137	1	06/10/21 07:14	06/10/21 13:24	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2216-05M Pace Analytical Services - Melville							
Percent Moisture	**16.1**	%	0.10	1		06/12/21 17:06		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

QC Batch: 213043
QC Batch Method: EPA 5035A-L
Analysis Method: EPA 8260C
Analysis Description: 8260 MSV 5035A-L Low Level
Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70176266001

METHOD BLANK: 1069676 Matrix: Solid
Associated Lab Samples: 70176266001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,1,1-Trichloroethane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,1,2,2-Tetrachloroethane	ug/kg	<2.0	2.0	06/10/21 09:05	v3
1,1,2-Trichloroethane	ug/kg	<2.0	2.0	06/10/21 09:05	v3
1,1,2-Trichlorotrifluoroethane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,1-Dichloroethane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,1-Dichloroethene	ug/kg	<2.0	2.0	06/10/21 09:05	
1,1-Dichloropropene	ug/kg	<2.0	2.0	06/10/21 09:05	
1,2,3-Trichlorobenzene	ug/kg	<2.0	2.0	06/10/21 09:05	
1,2,3-Trichloropropane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,2,4-Trichlorobenzene	ug/kg	<2.0	2.0	06/10/21 09:05	
1,2-Dibromo-3-chloropropane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,2-Dichlorobenzene	ug/kg	<2.0	2.0	06/10/21 09:05	
1,2-Dichloroethane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,2-Dichloropropane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,3-Dichlorobenzene	ug/kg	<2.0	2.0	06/10/21 09:05	
1,3-Dichloropropane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,4-Dichlorobenzene	ug/kg	<2.0	2.0	06/10/21 09:05	
2,2-Dichloropropane	ug/kg	<2.0	2.0	06/10/21 09:05	
2-Chlorotoluene	ug/kg	<2.0	2.0	06/10/21 09:05	
4-Chlorotoluene	ug/kg	<2.0	2.0	06/10/21 09:05	
Chlorodifluoromethane	ug/kg	<2.0	2.0	06/10/21 09:05	N3
Chloroethane	ug/kg	<2.0	2.0	06/10/21 09:05	
Chloroform	ug/kg	<2.0	2.0	06/10/21 09:05	
Chloromethane	ug/kg	<2.0	2.0	06/10/21 09:05	
cis-1,2-Dichloroethene	ug/kg	<2.0	2.0	06/10/21 09:05	
cis-1,3-Dichloropropene	ug/kg	<2.0	2.0	06/10/21 09:05	
Dibromochloromethane	ug/kg	<2.0	2.0	06/10/21 09:05	
Dichlorodifluoromethane	ug/kg	<2.0	2.0	06/10/21 09:05	IL
Hexachloro-1,3-butadiene	ug/kg	<2.0	2.0	06/10/21 09:05	
Tetrachloroethene	ug/kg	<2.0	2.0	06/10/21 09:05	
trans-1,2-Dichloroethene	ug/kg	<2.0	2.0	06/10/21 09:05	
trans-1,3-Dichloropropene	ug/kg	<2.0	2.0	06/10/21 09:05	
Trichloroethene	ug/kg	<2.0	2.0	06/10/21 09:05	
Trichlorofluoromethane	ug/kg	<2.0	2.0	06/10/21 09:05	
1,2-Dichloroethane-d4 (S)	%	105	63-137	06/10/21 09:05	
4-Bromofluorobenzene (S)	%	100	51-144	06/10/21 09:05	
Toluene-d8 (S)	%	93	72-144	06/10/21 09:05	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

LABORATORY CONTROL SAMPLE: 1069677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50.3	52.7	105	53-165	
1,1,1-Trichloroethane	ug/kg	50.3	49.5	98	70-121	
1,1,2,2-Tetrachloroethane	ug/kg	50.3	38.0	76	68-142	v3
1,1,2-Trichloroethane	ug/kg	50.3	38.1	76	75-148	v3
1,1,2-Trichlorotrifluoroethane	ug/kg	50.3	43.2	86	45-132	
1,1-Dichloroethane	ug/kg	50.3	49.1	98	73-119	
1,1-Dichloroethene	ug/kg	50.3	41.4	82	54-118	
1,1-Dichloropropene	ug/kg	50.3	47.0	93	64-126	
1,2,3-Trichlorobenzene	ug/kg	50.3	49.6	99	62-141	
1,2,3-Trichloropropane	ug/kg	50.3	42.1	84	62-139	
1,2,4-Trichlorobenzene	ug/kg	50.3	49.3	98	76-139	
1,2-Dibromo-3-chloropropane	ug/kg	50.3	42.5	85	56-133	
1,2-Dichlorobenzene	ug/kg	50.3	50.8	101	79-138	
1,2-Dichloroethane	ug/kg	50.3	55.4	110	73-125	
1,2-Dichloropropane	ug/kg	50.3	45.6	91	79-134	
1,3-Dichlorobenzene	ug/kg	50.3	52.9	105	80-137	
1,3-Dichloropropane	ug/kg	50.3	43.4	86	69-148	
1,4-Dichlorobenzene	ug/kg	50.3	52.1	104	81-136	
2,2-Dichloropropane	ug/kg	50.3	51.0	101	59-132	
2-Chlorotoluene	ug/kg	50.3	50.7	101	70-134	
4-Chlorotoluene	ug/kg	50.3	51.4	102	72-133	
Chlorodifluoromethane	ug/kg	50.3	40.3	80	49-123	N3
Chloroethane	ug/kg	50.3	63.0	125	15-142	v1
Chloroform	ug/kg	50.3	45.7	91	77-121	
Chloromethane	ug/kg	50.3	59.2	118	45-118	v1
cis-1,2-Dichloroethene	ug/kg	50.3	43.7	87	78-121	
cis-1,3-Dichloropropene	ug/kg	50.3	45.6	91	82-136	
Dibromochloromethane	ug/kg	50.3	50.6	101	65-157	
Dichlorodifluoromethane	ug/kg	50.3	61.7	123	17-150	IL,v1
Hexachloro-1,3-butadiene	ug/kg	50.3	58.7	117	33-157	v1
Tetrachloroethene	ug/kg	50.3	54.4	108	56-159	
trans-1,2-Dichloroethene	ug/kg	50.3	41.7	83	70-120	
trans-1,3-Dichloropropene	ug/kg	50.3	44.5	89	77-144	
Trichloroethene	ug/kg	50.3	48.5	96	76-124	
Trichlorofluoromethane	ug/kg	50.3	47.8	95	44-118	
1,2-Dichloroethane-d4 (S)	%			113	63-137	
4-Bromofluorobenzene (S)	%			100	51-144	
Toluene-d8 (S)	%			96	72-144	

MATRIX SPIKE SAMPLE: 1069679

Parameter	Units	70176266001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<2.0	49.9	46.5	93	35-169	
1,1,1-Trichloroethane	ug/kg	<2.0	49.9	47.3	95	57-147	
1,1,2,2-Tetrachloroethane	ug/kg	<2.0	49.9	31.9	64	22-182	v3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

MATRIX SPIKE SAMPLE: 1069679

Parameter	Units	70176266001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/kg	<2.0	49.9	27.5	55	54-139	v3
1,1,2-Trichlorotrifluoroethane	ug/kg	<2.0	49.9	41.8	84	47-148	
1,1-Dichloroethane	ug/kg	<2.0	49.9	44.0	88	56-143	
1,1-Dichloroethene	ug/kg	<2.0	49.9	39.1	78	50-142	
1,1-Dichloropropene	ug/kg	<2.0	49.9	44.9	90	42-151	
1,2,3-Trichlorobenzene	ug/kg	<2.0	49.9	20.2	40	10-153	
1,2,3-Trichloropropane	ug/kg	<2.0	49.9	35.9	72	42-151	
1,2,4-Trichlorobenzene	ug/kg	<2.0	49.9	22.5	45	10-155	
1,2-Dibromo-3-chloropropane	ug/kg	<2.0	49.9	30.0	60	37-140	
1,2-Dichlorobenzene	ug/kg	<2.0	49.9	37.9	76	55-141	
1,2-Dichloroethane	ug/kg	<2.0	49.9	42.1	84	48-137	
1,2-Dichloropropane	ug/kg	<2.0	49.9	39.7	79	61-143	
1,3-Dichlorobenzene	ug/kg	<2.0	49.9	42.7	85	54-146	
1,3-Dichloropropane	ug/kg	<2.0	49.9	34.5	69	53-142	
1,4-Dichlorobenzene	ug/kg	<2.0	49.9	41.3	83	53-143	
2,2-Dichloropropane	ug/kg	<2.0	49.9	49.5	99	41-152	
2-Chlorotoluene	ug/kg	<2.0	49.9	52.0	104	46-161	
4-Chlorotoluene	ug/kg	<2.0	49.9	50.3	101	45-155	
Chlorodifluoromethane	ug/kg	<2.0	49.9	40.0	80	29-158	N3
Chloroethane	ug/kg	<2.0	49.9	58.3	117	10-167	v1
Chloroform	ug/kg	<2.0	49.9	40.7	81	59-144	
Chloromethane	ug/kg	<2.0	49.9	56.5	113	35-136	v1
cis-1,2-Dichloroethene	ug/kg	<2.0	49.9	37.2	74	60-140	
cis-1,3-Dichloropropene	ug/kg	<2.0	49.9	36.2	72	56-137	
Dibromochloromethane	ug/kg	<2.0	49.9	38.8	78	44-154	
Dichlorodifluoromethane	ug/kg	<2.0	49.9	60.0	120	10-203	IL,v1
Hexachloro-1,3-butadiene	ug/kg	<2.0	49.9	32.9	66	10-170	v1
Tetrachloroethene	ug/kg	21.5	49.9	80.7	119	10-231	
trans-1,2-Dichloroethene	ug/kg	<2.0	49.9	39.2	79	54-143	
trans-1,3-Dichloropropene	ug/kg	<2.0	49.9	32.0	64	47-138	
Trichloroethene	ug/kg	<2.0	49.9	47.1	94	55-150	
Trichlorofluoromethane	ug/kg	<2.0	49.9	49.0	98	48-137	
1,2-Dichloroethane-d4 (S)	%				91	63-137	
4-Bromofluorobenzene (S)	%				90	51-144	
Toluene-d8 (S)	%				105	72-144	

SAMPLE DUPLICATE: 1069678

Parameter	Units	70175952007 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<5.1	<2.5		
1,1,1-Trichloroethane	ug/kg	<5.1	<2.5		
1,1,2,2-Tetrachloroethane	ug/kg	<5.1	<2.5		v3
1,1,2-Trichloroethane	ug/kg	<5.1	<2.5		v3
1,1,2-Trichlorotrifluoroethane	ug/kg	<5.1	<2.5		
1,1-Dichloroethane	ug/kg	<5.1	<2.5		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

SAMPLE DUPLICATE: 1069678

Parameter	Units	70175952007 Result	Dup Result	RPD	Qualifiers
1,1-Dichloroethene	ug/kg	<5.1	<2.5		
1,1-Dichloropropene	ug/kg	<5.1	<2.5		
1,2,3-Trichlorobenzene	ug/kg	<5.1	<2.5		
1,2,3-Trichloropropane	ug/kg	<5.1	<2.5		
1,2,4-Trichlorobenzene	ug/kg	<5.1	<2.5		
1,2-Dibromo-3-chloropropane	ug/kg	<5.1	<2.5		
1,2-Dichlorobenzene	ug/kg	<5.1	<2.5		
1,2-Dichloroethane	ug/kg	<5.1	<2.5		
1,2-Dichloropropane	ug/kg	<5.1	<2.5		
1,3-Dichlorobenzene	ug/kg	<5.1	<2.5		
1,3-Dichloropropane	ug/kg	<5.1	<2.5		
1,4-Dichlorobenzene	ug/kg	<5.1	<2.5		
2,2-Dichloropropane	ug/kg	<5.1	<2.5		
2-Chlorotoluene	ug/kg	<5.1	<2.5		
4-Chlorotoluene	ug/kg	<5.1	<2.5		
Chlorodifluoromethane	ug/kg	<5.1	<2.5		N3
Chloroethane	ug/kg	<5.1	<2.5		
Chloroform	ug/kg	<5.1	<2.5		
Chloromethane	ug/kg	<5.1	<2.5		
cis-1,2-Dichloroethene	ug/kg	<5.1	<2.5		
cis-1,3-Dichloropropene	ug/kg	<5.1	<2.5		
Dibromochloromethane	ug/kg	<5.1	<2.5		
Dichlorodifluoromethane	ug/kg	<5.1	<2.5		IL
Hexachloro-1,3-butadiene	ug/kg	<5.1	<2.5		
Tetrachloroethene	ug/kg	<5.1	<2.5		
trans-1,2-Dichloroethene	ug/kg	<5.1	<2.5		
trans-1,3-Dichloropropene	ug/kg	<5.1	<2.5		
Trichloroethene	ug/kg	<5.1	<2.5		
Trichlorofluoromethane	ug/kg	<5.1	<2.5		
1,2-Dichloroethane-d4 (S)	%	113	110		
4-Bromofluorobenzene (S)	%	89	75		
Toluene-d8 (S)	%	124	169		S0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

QC Batch: 213231
QC Batch Method: ASTM D2216-05M
Analysis Method: ASTM D2216-05M
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70176266001

SAMPLE DUPLICATE: 1071406

Parameter	Units	70174954001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	37.7	38.2	1	

SAMPLE DUPLICATE: 1071407

Parameter	Units	70175629001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	15.6	15.7	0	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
S0	Surrogate recovery outside laboratory control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUTTER AVENUE 6/9
Pace Project No.: 70176266

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70176266001	**B-7 @ 1'-5'**	EPA 5035A-L	213043	EPA 8260C	213047
70176266001	**B-7 @ 1'-5'**	ASTM D2216-05M	213231		

WO# : 70176266

70176266

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUST

The Chain-of-Custody is a LE

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: EnviroTrac Ltd.	Report To: Tracy Wall	Attention: Tracy Wall
Address: 5 Old Dock Road	Copy To:	Company Name:
Yaphank, NY 11980		Address:
Email To: tracyw@envirotrac.com	Purchase Order No.:	Pace Quote Reference:
Phone: 631-924-3001 Fax: 631-924-5001	Project Name: Sutter Avenue	Pace Project Manager:
Requested Due Date/TAT: 5 days	Project Number: 01.991373.00, Task 10.0000	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NY

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs 8260, chlorinated list only	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-7 @1'-5'		S	G	6/8/21	945	6/9/21	1010		4	1						1	2		X		
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Request NYSDEC Category B	Matt Miranda	6/9/21	1156	Matt Miranda	6/8/21	1156	11.8	N	N	Y
Deliverables & EDD										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ~~Matt Miranda~~ Matt Stein

SIGNATURE of SAMPLER: Matt Stein DATE Signed (MM/DD/YY): 6/9/21

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Page 14 of 15

Pace Analytical®

Sample Condition Upon Re

WO#: 70176266

PM: STS **Due Date: 06/16/21**

CLIENT: ENVIROTRAC

Client Name: Enviro Trac

Proj

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other

Thermometer Used: TH091 Correction Factor: +0.0

Cooler Temperature(°C): 11.8 Cooler Temperature Corrected(°C): 11.8

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

Temperature Blank Present: ☐ Yes ☑ No

Type of Ice: Wet Blue (None)

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Date and Initials of person examining contents: LH 6/9/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

Did samples orignate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☑ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID, Matrix: SL WT OIL				
All containers needing preservation have been checked?	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	Sample #
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulfide?	☐ Yes	☐ No	☑ N/A	15.
Lead Acetate Strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	16.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	17.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.