Periodic Review Report

70 Nardozzi Place
New Rochelle, NY 10805
NYSDEC Site Number: C360159

Prepared for:

70 Nardozzi LLC c/o Simone Development Companies
211 East 43rd Street
New York, New York, 10017

March 2023

JMS Project # 2015.191

Prepared by:

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QEP CERTIFICATION

I, Alison Kokorsky, *certify that I am currently a Qualified Environmental Professional (QEP) as defined in 6 NYCRR Part 375 and that this Periodic Review Report (PRR) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Department-approved Site Management Plan (SMP), Remedial Investigation Work Plan (RIWP)/ Remedial Action Work Plan (RAWP), and the DER Technical Guidance for Site Investigation and Remediation (DER-10), or unless otherwise noted within this PRR.*

For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

(a) the institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by DER;

(b) nothing has occurred that would impair the ability of such control to protect public health and the environment;

(c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;

(d) access to the site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control; and

(e) if a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for their intended purpose under the document [certifier may delete this clause if no financial assurance is required for the remedial program and re-letter the certification accordingly



Alison Kokorsky, Senior Project Manager, JM Sorge, Inc.

PE CERTIFICATION

I Frederick Wilcox Worstell *certify that I am currently a New York State registered Professional Engineer (PE) as defined in 6 NYCRR Part 375 and that this Periodic Review Report (PRR) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Department-approved Site Management Plan (SMP), Remedial Investigation Work Plan (RIWP)/ Remedial Action Work Plan (RAWP), and the DER Technical Guidance for Site Investigation and Remediation (DER-10), or unless otherwise noted within this PRR.*

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Frederick Wilcox Worstell, NYS Professional Engineer #080140-01, WGV Engineering, Surveying and Landscape Architecture, DPC doing business as Dresdner Robin – New York

PE Stamp



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JMS Standard Abbreviations and Acronyms List

+15 – Library search for 15 highest TICs
AAI – All Appropriate Inquiries
ACO – Administrative Consent Order
AMSL – above mean sea level
AOC – Area of Concern
ARRCS – Administrative Requirements for Remediation of Contaminated Sites
ARS – Alternative Remediation Standard
ARF – Annual Remediation Fee
AST – Above ground storage tank
ASTM – American Society of Testing and Materials
bgs – below ground surface
BNA - Base Neutral organic compounds and acid extractables
CEA – Classification Exception Area
CID – Case Inventory Document
COC – Contaminant of Concern
COPEC – Contaminant of Potential Ecological Concern
CREC – Controlled Recognized Environmental Condition
CSM – Conceptual Site Model
CVOC – Chlorinated Volatile Organic Compound
cy – cubic yards
IGWSSL – Default Impact to Groundwater Soil Screening Level
DNAPL – Dense Non-Aqueous Phase Liquid
EDD – Electronic Data Deliverables
EPH – Extractable Petroleum Hydrocarbons
ESA – Environmental Site Assessment
ESC – Ecological Screening Criteria
DGA - dense-graded aggregate
El. – elevation
ENSR – Environmentally Sensitive Natural Resources
FA – Financial Assurance
FOIA – Freedom of Information Act
FSPM – Field Sampling Procedures Manual
ft – feet
GIN – General Information Notice
GPR – Ground Penetrating Radar
GWQS – Ground Water Quality Standards
HASP – Health and Safety Plan
HREC – Historic Recognized Environmental Condition
HSA – Hollow Stem Augers
IDW – Investigation-Derived Waste
IEC – Immediate Environmental Concern
IASL – Indoor Air Screening Levels
IGW – Impact to Groundwater
In. wc. – Inches of Water
IRM – Interim Remedial Measure
ISRA – Industrial Site Recovery Act
ITRC – Interstate Technology and Regulatory Council
JMS – JM Sorge, Inc.
LNAPL – Light Non-Aqueous Phase Liquid
LMAS – Leaky multi-unit aquifer system
LSRP – Licensed Site Remediation Professional
MDL – Method Detection Limit
mg/kg – milligrams per kilogram
mg/L – milligrams per liter (mg/L)
MGP – Manufactured Gas Plant
MNA – Monitored Natural Attenuation
NAD83 – North American Datum of 1983
NADVD88 – North American Vertical Datum of 1988
NFA – No Further Action
NJDEP – New Jersey Department of Environmental Protection
NJPDES – New Jersey Pollution Discharge Elimination System
N.J.A.C. – New Jersey Administrative Code
NJGS – New Jersey Geological Survey
NOD – Notice of Deficiency
NOI – Notice of Intent to Close (USTs)
NOV – Notice of Violation
NRDC – Non-Residential Direct Contact
OPRA – Open Public Records Act
ORP – Oxidation-reduction potential
PA – Preliminary Assessment
PAHs – Polycyclic Aromatic Hydrocarbons
Pa - Pascal
PCBs – Polychlorinated Biphenyls
PDB – Passive Diffusion Bag sampler
PI# - Program Interest Number
PID – Photoionization Detector
PFAS – Per- and Polyfluorinated Alkyl Substances
PP – Priority Pollutants
PPE – personal protective equipment
ppm – parts per million
ppb – parts per billion
ppt – parts per trillion
PVC – polyvinyl chloride
PBR – Permit by Rule
RAL – Rapid Action Level
RAO – Response Action Outcome
RAWP – Remedial Action Workplan
RBRG – Risk-Based Remediation Goal
RCRA – Resource Conservation and Recovery Act
RE – Receptor Evaluation
REC – Recognized Environmental Condition
RDC – Residential Direct Contact
RFS – Remedial Funding Source
RI – Remedial Investigation
RP – Responsible Party
SI – Site Investigation
SOP – Standard Operating Procedure
SPLP – Synthetic Precipitation Leachate Procedure
SSDS - Sub-slab Depressurization
Spill Act – Spill Compensation and Control
SRRA – Site Remediation and Reform Act
SRS – Soil Remediation Standard
SSIGWSRS – Site Specific Impact to Groundwater Soil Remediation Standard
SVOCs – Semi-Volatile Organic Compounds
TRSR – Technical Requirements for Site Remediation
TAL – Target Analyte List
TCL – Target Compound List
TCLP – Toxicity Characteristic Leachate Procedure
TICs – Tentatively Identified Compounds
TPH – Total Petroleum Hydrocarbons
QA – Quality Assurance
QAPP – Quality Assurance Protection Plan
QC – Quality Control
ug/L - micrograms per liter (aka µg/L)
ug/m3 - micrograms per cubic meter of air
USEPA – United States Environmental Protection Agency
USGS – United States Geological Survey
UST – Underground Storage Tank
VC – Vapor Concern
VI – Vapor Intrusion
VIMS – Vapor Intrusion Mitigation System
VISL – Vapor Intrusion Screening Levels
VOCs – Volatile Organic Compounds
WQIP – Water Quality Indicator Parameters

1 EXECUTIVE SUMMARY

JM Sorge, Inc. (JMS) has prepared this Periodic Review Report (PRR) on behalf of 70 Nardozzi LLC c/o Simone Development Companies (70 Nardozzi LLC) for the Site located at 70 Nardozzi Place located in New Rochelle, New York herein referenced to as "Site". The Site is in the Brownfields Cleanup Program (BCP) under New York State Department of Environmental Conservation (NYSDEC) site number C360159.

70 Nardozzi LLC completed remedial investigation and redevelopment of the formerly vacant Site. The site was located adjacent to a former municipal solid waste incinerator that was operational from the 1920s to the 1970s. During the redevelopment of the Site, approximately 4,300 tons of excess historic fill and impacted soil was generated and exported off-site. The redevelopment of this Site included the construction of an approximately 126,000 ft^2 building and parking deck/lot and 20,000 ft^2 open space/landscape.

Impacted soils were not fully excavated and disposed of offsite, a portion remains after redevelopment, as such on Site implementation of Institutional Controls (ICs) and Engineering Controls (ECs) are required at the Site to protect human health and the environment. An Environmental Easement (Control Number 601823400) granted by the NYSDEC, and recorded with the Westchester County Clerk, requires compliance with the December 2020 Site Monitoring Plan (SMP), as well as all ECs and ICs placed on the Site. The engineering controls consist of a concrete or clean soil cap and a Sub-Slab Venting System (SSVS).

Subsequent to the redevelopment, an additional Remedial Investigation (RI) was required by the New York State Department of Health (NYSDOH). A Supplemental Remedial Investigation Work Plan (RIWP) and Remedial Action Work Plan (RAWP) was submitted on March 1, 2022, which included a plan to collect additional indoor air (IA) and perimeter soil vapor (PSV) samples and a plan to upgrade the existing passive SSVS to an active system via the installation of fans.

This Periodic Review Report summarizes the results of the Site inspections, system upgrades, and monitoring required in accordance with the SMP, the RIWP, and the RAWP.

The inspection and monitoring results from 2020 through 2022 were reviewed and the ICs/ECs have operated as intended and are anticipated to continue to be protective of human health and the environment.

- The conversion of the passive SSVS to an active system successfully improved negative sub-slab pressure.
- IA and Sub-Slab Soil Gas (SSSG) sampling from in-slab monitoring ports and from exhaust vent riser sampling ports was conducted during this first year of monitoring post remediation. Samples were analyzed for Volatile Organic Compounds (VOCs), Carbon Disulfide, Methane, and Hydrogen Sulfide.

- No significant concentrations of any of these parameters was identified in any sample in both the sub-slab and indoor air sample, confirming an incomplete pathway of volatile contamination into breathing space.
- Perimeter soil vapor sampling was not conducted as access to off-site properties to conduct the sampling has not been acquired. Additional access letters were sent to the neighboring property owners on February 21st, 2023. Additionally, letters were printed and delivered to the store managers of Costco and Home Depot.
- Cap inspections were conducted, and the cap remains protective and in good condition.
- SSVS inspection were conducted, and the system is running properly. Minor issues include a missing port on Rise 1, and damaged U-Tube manometers on exterior risers.

Due to the analytical results of the sampling conducted, the following ongoing monitoring is recommended:

- Continued periodic inspection of the engineering control cap. The SMP currently recommends semi-annual cap inspections, however, based on the inspections completed in 2021-2022, a reduction in inspection frequency to annual inspection is recommended.
- Sub-slab soil gas sampling from the 5 in-slab pressure ports should continue to be annual, as recommended in the SMP.
- Sub-slab soil gas sampling from 23 selected riser sampling ports located within the footprint of the building, specifically risers 3, 8 through 16, should proceed on an annual basis. The SMP recommends sampling all 23 risers annually. Sampling frequency will be reviewed after the next sub-slab soil gas sampling event, and if concentrations continue to remain low, further reductions in sampling may be appropriate in the future.
- Indoor Air sampling will be conducted concurrently with the riser and pressure port sampling annually, consistent with the SMP suggested frequency. Sampling frequency will be reviewed after the next Indoor Air sampling event and if concentrations continue to remain low, further reductions in sampling may be appropriate in the future.
- Reduce frequency of periodic inspection of the SSVS system components from semi-annual to annual.
- The required PSV sampling is intended to confirm that impacts from the Site are not migrating toward adjacent properties. Additional access letters will be re-sent in 30-days if responses are not received. Any new off-site property access attempts will be documented in the next PRR, in addition to the off-site sampling details/results, if granted access. Language was added to the Final PRR stating this plan. However, due to the extremely low levels VOCs, and other compounds identified on-site, Nardozzi is requesting the requirement to conduct this sampling is re-evaluated in the next PRR, if access is not granted.
- Continued annual frequency of Periodic Reporting to DEC .

2 SITE OVERVIEW

The 3.46-acre, formerly vacant Site (Site # C360159) is located at 70 Nardozzi Place in a mixed residential and commercial area of New Rochelle, New York (Figure 1). The Site is zoned as "Large Scale Retail (1)" (LSR-1) in an Overlay Zone. Between 2018 and 2020 70 Nardozzi LLC redeveloped the Site with an approximately 46,000 ft² building, 80,000 ft² parking deck/parking lot, and 20,000 ft² open space (Figure 2). The Site is currently utilized for New Rochelle Department Public Works (DPW)/Department of Transportation (DOT) maintenance and storage yard and a retail facility with associated parking, leased to LA Fitness and Costmart Wine & Liquor. Site occupants include retail and parking on the upper level and New Rochelle DPW/DOT offices, vehicle storage and maintenance on the lower level.

Site characterization investigations were conducted at the Site from 2004 through 2018. The investigation performed at the Site identified several "contaminants of concern" (COCs) in soil, soil vapor, and/or groundwater. These COCs include Polynuclear Aromatic Hydrocarbons (PAHs), Metals, and Volatile Organic Compounds (VOCs). These COCs have demonstrated exceedances of the applicable standards, criteria, and guidance (SCGs) established by the NYSDEC with respect to soil, soil vapor, and/or groundwater. Refer to Table 1 and Figure 3 for the 2016 soil gas data.

70 Nardozzi LLC entered into a Brownfields Cleanup Agreement (BCA) with the NYSDEC in February 2018. Under the BCA, 70 Nardozzi LLC investigated and remediated the approximately 3.46 acres of vacant parcel. The remediation of the Site was conducted in accordance with BCA guidelines appropriate for the intended commercial use of the Site. The NYSDEC approved the original October 2018 Remedial Workplan and the May 2019 Addendum which includes the installation of ECs in the form of a SSVS and protective cap, and ICs in the form of an Environmental Easement (EE) to restrict future uses of the Site. The ECs in place at the Site include landscape cap, concrete paved cap, French drain cap, and a bio-retention cap. The concrete cap consists of the building slab, parking deck/lot, walkways, and driveways, and an active SSVS in place beneath the entirety of the concrete footprint.

The final SMP and Final Engineering Report (FER) were submitted to the NYSDEC in December 2020. Based on post-construction pressure testing, and additional RI requirement from the NYSDOH, a supplemental RIWP/RAWP was submitted and approved by the NYSDEC and NYSDOH. Additional IA and PSV sampling was required and the SSVS was upgraded from passive to active by the addition of exhaust fans on each vent riser. The required monitoring and sampling of the Site includes cap inspection, SSVS inspection including pressure readings of all risers and pressure ports, IA sampling, SSVS soil gas sampling, and PSV sampling. The required SMP monitoring as well as the additional RI/RA activities were completed, except for the PSV sampling due to access issues, in 2021- February 2022 in accordance with the approved SMP and Supplemental RIWP/RAWP. Results of these inspections and sampling activities are documented in this report.

3 REMEDY EVALUATION

The remedial goal was to install controls to prevent human and environmental receptors from coming into contact with the remaining low levels contamination. The remedy consisted of:

- Excavation
- Institutional Controls
  - Groundwater Use Restriction
  - Land Use Restriction
  - Operations, Maintenance, and Monitoring Plan
  - Site Management Plan
- Engineering Controls
  - Cover System
  - Active Sub-Slab Vapor System
- Post Remediation Monitoring & Sampling
  - Semi-annual cover system inspections
  - Semi-annual pressure confirmation of risers and pressure ports
  - Annual Indoor Air
  - Annual Sub-Slab Vapor
  - Annual Perimeter Soil Vapor

3.1 EFFECTIVENESS EVALUATION

Excavation—Excavation and removal of contaminated soils was not anticipated in the RAWP for this Site. However, during site development and construction of the engineering controls, several instances arose where impacted site-wide soils and historic fill was removed from the Site. Excavation of 4,316 tons of contaminated soils and historic fill was exported offsite between 2019 and 2020. The majority of impacted soils were able to be left on Site due to the construction of the retaining wall and site regrading. Impacted soils left on Site was capped with a composite cover system described herein. Excess soils that could not be incorporated into the site were characterized and properly disposed off-site as is documented in the December 2020 FER approved by the NYSDEC.

Institutional Controls - An EE was filed by 70 Nardozzi LLC on October 20, 2020, which restricts the use of the site to commercial or industrial uses. The EE also restricts the usage of groundwater within the site boundaries. The EE requires the presence of an engineering control which effectively prevents sensitive human receptors from contact with contamination. The EE requires ongoing monitoring in accordance with the 2020 SMP and 2021 Supplemental RIWP. The SMP for the site was approved in 2020 and outlines the monitoring, inspections, sampling, maintenance, and other management of the site as well as reporting requirements. The 2021

Supplemental RIWP was approved in 2022 and outlines further sampling requirements imposed by the NYSDOH.

Engineering Controls - The engineering controls at the site include a cap cover system and an active SSVS. The cap consists of a concrete slab, landscaped areas, bioretention areas, and a French drain area. The cap effectively prevents contact with the impacted soils and groundwater at the site. The cap is inspected semi-annually in accordance with the SMP to confirm its effectiveness. No disturbances in the cover system have been identified during this reporting period and, therefore, the cover system remains protective.

The SSVS was installed during construction of the building floor slab as documented in the FER. The system consists of perforated PVC piping that connects to PVC risers designed to passively vent any vapors that accumulated under the building slab. All perforated piping was installed within a layer of certified clean crushed stone below the concrete floor slab. This layer is a minimum of 8-inch deep. A 20-mil Vapor Barrier was installed above the layer of crushed stone prior to the installation of the slab. U-tube manometers were attached to each riser to gauge the pressure differential throughout the system. Pressure ports were also added throughout the SSVS to periodically monitor the system effectiveness in areas that might have the worst pressure differential. The SSVS was converted from passive to active in 2021 due to an insufficient pressure gradient when the system was passive. All fans, risers, and monitoring ports were visually inspected and deemed to be in working order. The Mitigation System Installation Record form for the SSVS can be found in Attachment A.

Exterior U-Tube manometers were found to function poorly in cold weather. One riser (#1), located exterior of the building and garage area, was found to be missing an air sampling port. A sampling port was later added to Riser 1 in October 2022. Based on the analytical results of the sub-slab air sampling, discussed later in this report, these minor issues are not significant and do not prevent adequate monitoring of the system effectiveness.

Post-Remediation Monitoring and Sampling - The riser ports and pressure ports are used to gauge sub-slab pressure and sample sub-slab soil gas in accordance with the SMP. In addition, IA sampling was conducted concurrently with the riser and pressure port sampling, in accordance with the Supplemental RIWP. PSV sampling was not able to proceed due to utility placement on the subject site and access issues on neighboring properties.

The SSVS was converted from passive to active in 2021 due to an insufficient pressure gradient when the system was passive. The system operation is monitored in accordance with the SMP and has been found to operate as designed, maintaining a minimum negative pressure of -0.002 inches of water column (WC), thereby confirming its effectiveness. All pressure gauging events from December 2020 to October 2022 are detailed on Table 2.

Sub slab air monitoring was conducted in February 2022, with samples collected from the 21 riser ports and 5 pressure ports. IA sampling was conducted concurrently with the sub-slab

riser and pressure port sampling. Compounds identified are not related to the historic fill soil vapor concern but minimal air contamination is present. See Sections 4.2.3 and 4.3.1 for further discussion of air data results. All air sampling results are being submitted to the NYSDEC and NYSDOH with this first PRR. Pressure port data is detailed in Table 3, Riser data is detailed on Table 4, and Indoor Air data is detailed on Table 5. Table 6 also includes a comparison of all sub-slab and Indoor Air data. Data results are also illustrated on Figures 4A, 4B, 5, and 6.

4 COMPLIANCE REPORT

4.1 ENGINEERING CONTROLS – COVER SYSTEM

Exposure to remaining contaminated soils at the site is prevented by a cover system placed over the entire site. Inspections of the cap were conducted in September 2021 and February 2022. No significant disturbance of the cap was observed during either inspection. No excessive deterioration of concrete or erosion of the southern landscaped slope were observed. Minor repairs were made periodically to concrete and landscaped areas as needed for safety and aesthetic reasons, but no breach of the barrier was reported or observed. The semi-annual inspection report forms are included in Attachment B.

4.2 ENGINEERING CONTROLS – SUB-SLAB VAPOR SYSTEM

The passive sub-slab system did not demonstrate the required negative pressure, therefore the passive SSVS was converted to an active SSVS by installing twenty-three (23) fans on all risers (riser 5 shares a fan with riser 4). The locations of the risers and their discharge locations are illustrated on Figures 2 & 7. The Mitigation System Installation Record form for the SSVS can be found in Attachment A.

4.2.1 Inspections

Semi-annual inspections of the SSVS system were conducted throughout 2021 and 2022 in accordance with the SMP. The semi-annual inspection included visual observations of the exhaust header pipes, individual fans, and pressure monitoring ports. Copies of the semi-annual system inspection forms are included in Attachment C.

During the February 2022 inspection, a few discrepancies were reported:

- Riser 1 was missing a sampling port and U-Tube manometer. A sampling port was added in October 2022.
- All U-Tube manometers located outside, not covered by the building or parking garage, are damaged due to weather exposure. The risers with damaged U-Tube manometers include risers 2, 3, 4/5, 13, 14, 15, 16, 17, 18/19, 20, 21, 22, and 23 as discussed in Section 3.1.

- Sampling ports were installed above the fan on ten (10) risers (Risers: 3, 13, 14, 15, 17, 18/19, 20, 21, and 22) therefore pressure readings are positive. Sampling ports were relocated in October 2022.
- During December 2021 inspection, a large crack was observed in the lower portion of Riser 12. This was reported to site maintenance and repaired.

4.2.2 Pressure Monitoring

To document that the system is working properly and maintaining a negative pressure beneath the entire building, the system is designed with a U-Tube manometer and a pressure monitoring port that allows for monitoring of the pressure at the riser and pressure port locations. The U-Tube manometer and handheld manometer measures the pressure differential between the under-slab and ambient air. The pressure is monitored at each of the risers and ports on a semi-annual basis and compared to ambient air pressure. The locations of the risers and monitoring ports are illustrated on Figure 2.

The pressure at the twenty-three (23) riser ports and five (5) pressure ports is monitored with an Infiltec Digital Micro-Manometer (Model DM1). The meter is calibrated and zeroed manually before every testing event. In accordance with the USEPA Radon Prevention in the Design and Construction of Schools and Other Large Buildings, Third Printing with Addendum (June 1994), a minimum sub-slab pressure of -0.002 WC is required at all test locations for an effective active soil depressurization (ASD) system.

The semi-annual inspections and pressure testing are conducted by JMS. Inspections were conducted in 2020 through 2022 and copies of the inspection reports are included in Attachment C. All pressure values were within acceptable ranges by the last inspection in October 2022. The pressure readings at the 5 sub-slab monitoring ports, located in areas where the least influence from the SSVS lateral radius of influence is anticipated, are the most accurate measure of adequate negative pressure beneath the slab.

4.2.3 SVSS Sampling

Annual sampling of the SSVS risers and pressure ports was conducted in February 2022. Approximately twenty samples were collected from the SSVS risers, and five samples were collected from the pressure ports. Samples were submitted to Alpha Analytical Laboratory, a NYSDEC certified laboratory, and analyzed for VOCs including carbon disulfide using method TO-15, Methane – EPA Method 3C, and Hydrogen Sulfide – Modified EPA Method TO-15. Laboratory reports will be provided with Full Category A Deliverables. Lab reports are included in Attachment D.

The VOC, carbon disulfide, and methane samples were collected in 1-liter laboratory cleaned and certified summa canister. Samples were collected over a period of 5-minutes (0.2 liter/minute flow rate) utilizing a laboratory pre-set flow controller. Samples analyzed for Hydrogen Sulfide were collected using 5-liter Tedlar sampling bags. Hydrogen Sulfide air

samples were collected using a 10L vacuum chamber and air pump with a flow meter to fill Tedlar sampling bags.

Based on the results of the SSVS air sample analysis, no VOC compounds are present in the soil vapor at concentrations that exceed the NY Sub-Slab Criteria Matrix A, B, & C, with one exception. The Tetrachloroethene concentration at Riser 3 (214 ug/m3) exceeded the NY Sub-Slab Criteria Matrix-B (100 ug/m3). Riser 3 is located outside of the building footprint area, and the IA did not exceed the NY Indoor Air Matrix-B Criteria, therefore no action is required for Tetrachloroethene at Riser 3.

Elevated concentrations of several compounds were identified in the sample collected from the Riser #12 location. Analytes detected with elevated concentrations include Acetone (4820 ug/m3), Methyl ethyl ketone (6930 ug/m3), and Tetrahydrofuran (13400 ug/m3). However, Riser #12 was damaged and repaired with PVC glue. The main chemicals in PVC glue are Methyl ethyl ketone, Cyclohexane, Tetrahydrofuran, and Acetone. Therefore, the high concentrations detected in Riser 12 is likely due to the glue used to repair the riser. These elevated concentrations of VOCs are not expected to persist once the chemicals from the glue have time to diffuse.

SSVS data can be found on Tables 3 and 4 and Figure 4A-B and Figure 5. Lab Reports, DUSRS, and EDD submissions can be found in Attachment D.

4.3 ADDITIONAL POST REMEDIATION SAMPLING

Based on post-construction pressure testing in December 2020, and additional RI requirements from the NYSDOH, in accordance with the SMP, and the initial and supplemental RIWP/RAWP requires additional IA and PSV sampling which is described below.

4.3.1 Indoor Air

In accordance with the NYSDOH's Indoor Air Sampling & Analysis Guidance (February 2005), a pre-sampling inspection was conducted at the building in December 2021 prior to sampling. The indoor air pre-sampling forms can be found in Attachment E.

Three (3) IA samples were collected on the first floor of the building at breathing level, 3-5 feet above the floor. Two (2) ambient (outdoor) samples were also collected concurrently with the IA samples to assist in evaluating background contaminant levels. One (1) ambient sample was placed outside of the garage area to evaluate the potential influence of outdoor air on indoor air quality. The second ambient air sample was placed inside the garage space. Specific sample locations can be found on Figure 6.

The VOC, carbon disulfide, and methane samples were collected in 6-liter laboratory cleaned and certified summa canister. Samples were collected over a period of 24-hours (0.2 liter/minute flow rate) utilizing a laboratory pre-set flow controller. Samples analyzed for Hydrogen Sulfide were collected using 5-liter Tedlar sampling bags. Air samples were collected using a vacuum chamber and air pump to fill Tedlar sampling bags.

Samples were submitted to Alpha Analytical Laboratory, a NYSDEC certified laboratory, and analyzed for VOCs including carbon disulfide using method TO-15, Methane – EPA Method 3C, and Hydrogen Sulfide – Modified EPA Method TO-15. Laboratory reports are provided with Full Category A Deliverables in Attachment D.

Based on the results of the IA air sample analysis, minimal VOC compounds are present at background levels, and no apparent pathways exist from soil vapor to indoor air.

- Methylene chloride exceeds the NYSDOH Air Guideline Value and NY Indoor Air Criteria Matrix-B in IA-1 (19.4 ug/m3), however Methylene chloride was not detected in any sub slab gas sample, therefore this exceedance is unrelated to the fill VOC issue.
- Carbon tetrachloride also exceeds the NY Indoor Air Criteria Matrix-A in all indoor air and ambient air samples; however, Carbon tetrachloride was not detected in any sub slab sample, therefore this exceedance is unrelated to the fill VOC issue.
- The EPA 2001 BASE VOC concentration study was used to compare the indoor and ambient air results. As per the October 2006, Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance: EPA BASE data, 90th percentile values, may be used as initial benchmarks when evaluating. The concentrations of all compounds that were detected in the soil vapor and indoor air, had indoor air and ambient air concentrations below the EPA's 95th Percentile concentrations, therefore, the VOCs detected in the indoor air and ambient air are background concentrations and unrelated the VOC fill issue.
- Ambient Air sample GAR2022, had a Benzene concentration of 19.4 ug/m3. GAR2022 was an ambient garage sample, located in a closed portion of the DPW garage. A truck was parked in front of this sample canister, so the elevated Benzene concentration is likely from the truck exhaust.

IA data can be found on Table 5 and Figure 6. Lab Reports, DUSRS, and EDD submissions can be found in Attachment D.

4.3.2 Perimeter Soil Vapor Sampling

Due to the potential risk for vapor intrusion migration, perimeter sampling was required by the NYSDEC and NYSDOH. Due the location of underground utilities on Site, a perimeter soil vapor investigation was proposed for the northern and eastern adjacent properties in conjunction with IA and sub-slab vapor investigations. Access letters were sent to the owners of the neighboring properties on February 15, 2022 and February 23, 2023. Additionally in February 2023, letters were printed and delivered to the store managers of Costco and Home Depot. No responses have been received as of February 24, 2023 therefore the PSV sampling has not been completed. The access letters and proof of mailing can be found in Attachment F.

4.4 RESPONSE TO JANUARY 2023 NYSDEC COMMENT LETTER

The January 3, 2023 response letter from NYSEDC requested a discussion on the elevated levels of chlorinated solvents found in the riser samples compared to the 2016 data and the same comparison made with the change in methane levels observed. This discussion is presented below.

During the initial grading activities, the shallow, higher elevation, western soil was graded and moved to the east to raise the grade in the central and eastern portions of the Site (to level the site). The surficial soil that was graded toward the north of the Site, as final elevations were achieved, was well mixed and generally originated from the north and western portions of the Site. Minimal to no regrading was completed in the southern sloped portion of the site.

Most of the impacted soil was left on Site. Excess soil that could not be incorporated into the Site was characterized and properly disposed of off-Site. Approximately 4,300 tons of excess soil/fill was exported off-Site from October 2019 through September 2020.

Due to the rearranging/aeration of soils on Site, and the disposal of soils off-Site, evaluation of the 2016 soil-gas data and the 2022 sub-slab gas data is not a 1:1 comparison.

The only chlorinated solvents with detections in 2016 and/or 2022 are 1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,4-Dichlorobenzene, Chloroform, Chloromethane, Cis-1,2-Dichloroethene (Cis-DCE), Dichlorodifluoromethane (Freon 12), Methylene chloride, Tetrachloroethene (PCE), Trichloroethene (TCE), Trichlorofluoromethane (Freon 11), and Vinyl Chloride (VC). These contaminant concentrations, and Methane, are discussed below, as well as justification for a reduced sampling plan.

The reduced sampling plan consists of sampling ten (10) of the twenty-three (23) risers on Site, focusing on the northern most risers (R-8 to R-16) which are located by the most sensitive receptor, the occupied building. Riser R-3 will also be analyzed for VOCs based on the 2022 data discussed below.

All five (5) pressure ports (PPs) will be sampled, as well as the same number of indoor air (IA) and ambient air (AA) sampling locations that were proposed and approved in the December 2020 Site Management Plan and/or the March 2022 Supplemental Remedial Investigation Workplan & Remedial Action Workplan.

4.4.1 Identified in 2016 Soil Gas Data & Not Identified in 2022 Pressure Port or Riser Data

1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethene, 1,4-Dichlorobenzene, and Chloroform were detected in several north-northeastern sample locations in 2016 (SG-3, SG-5, SG-8, and SG-10). In 2016, 1,1-Dichloroethene was detected in one (1) sample SG-8 at an estimated concentration of 2.1 J ug/m3 which did not exceed the current NYSDEC Sub-Slab Criteria- Matrix A of 6 ug/m3. 1,1,2-Trichlorotrifluoroethane, 1,4-Dichlorobenzene, and Chloroform do not have any applicable NYSDEC or NYSDOH standards.

These compounds are volatile, therefore the aeration of the soil during site regrading or the removal of these soils has likely reduced the concentration of these compounds on site. None of these compounds were detected in any PPs or riser sampled in February 2022.

Monitoring for these contaminants will continue in all PPs, northern risers (R-8 to R-16), and riser R-3. Northern risers were selected for continued monitoring due to their proximity to sensitive receptors (i.e. the occupied building).

4.4.2 Chloromethane

Chloromethane was detected in only one of the ten soil gas samples collected in 2016: SG-6 in the central portion of the Site at an estimated value of 3.4 J ug/m3. Chloromethane does not have any applicable NYSDEC or NYSDOH standards.

Chloromethane was detected in most PPs and risers sampled in February 2022, at concentrations ranging from 0.822 ug/m3 to 1.96 ug/m3; lower than concentrations detected in 2016, consistent with the shallow soil disturbance and soil removal. The Chloromethane sub-slab detections in 2022 were largely consistent with background/ ambient air concentrations. The AA Chloromethane concentration was 1.27 ug/m3 outside, and 1.45 ug/m3 under the garage parking deck.

One location, northern riser R-12, exhibited a Chloromethane concentration of 4.21 ug/m3. The elevated concentration was likely related to recent PVC repair activities at this location. Re-sampling of this riser is recommended.

Chloromethane will be monitored at all PPs, northern risers (R-8 to R-16), and riser R-3 in 2023. Northern risers were selected for continued monitoring due to their proximity to sensitive receptors (i.e. the occupied building).

4.4.3 Cis-1,2-Dichloroethene (Cis-DCE)

In December 2016, Cis-DCE was only detected in two (2) samples, SG-8 and SG-10, in the northern portion of the Site at 22 ug/m3 and 7.7 J ug/m3, respectively, over the NYSDEC Sub-Slab Criteria- Matrix A of 6 ug/m3.

Cis-DCE was not detected in any of the northern PPs (3, 4, or 5) or risers (R-7 thru R-18) in 2022 consistent with the shallow soil disturbance and soil removal.

Cis-DCE was only detected in one (1) riser, riser R-3, at 2.79 ug/m3, below the NYSDEC Sub-Slab Criteria- Matrix A of 6 ug/m3. Riser R-3 collects sub slab air/soil gas from the southwestern area of the site. No soil/fill material was deposited in this area.

All PPs, northern risers (R-8 to R-16), and riser R-3 are included in the revised sampling plan and will continue to be monitored for Cis-DCE.

4.4.4 Dichlorodifluoromethane (Freon 12)

Freon 12 was detected in two (2) western samples, SG-1 and SG-4, in December 2016 at estimated concentrations of 3.2 J ug/m3 and 2.6 J ug/m3, respectively. Freon 12 does not have applicable NYSDEC or NYSDOH standards.

Freon 12 was detected in most PPs and risers sampled in February 2022, ranging from 2.11 ug/m3 to 2.87 ug/m3 which is consistent with background (ambient air) concentrations of 2.27 ug/m3 to 2.4 ug/m3.

Freon 12 is often a component in cleaning and household care products (air fresheners, anti-static sprays, degreaser) and construction and building materials (flooring, tiles, wall materials/dry wall, carpets, insulation, caulk, sealant) and therefore is suspected to be related to the recent construction on Site. All PPs, northern risers (R-8 to R-16), and riser R-3 will continue to be monitored for Freon 12 as part of the revised sampling plan.

4.4.5 Methylene Chloride

Methylene chloride was detected in several soil gas sample locations in the central portion of the site in December 2016, ranging from estimated values of 2.5 J ug/m3 to 6.2 J ug/m3, well below the NYSDEC Sub-Slab Criteria- Matrix B of 100 ug/m3.

Subsequent to site disturbance and soil removal, Methylene chloride was detected at similar concentrations in Riser 4/5 (east) and Riser 14 (northwest) at 4.52 ug/m3 and 4.62 ug/m3, respectively, again well below the NYSDEC Sub-Slab Criteria- Matrix B of 100 ug/m3. Methylene chloride was not detected in any other riser or PPs sampled in 2022.

Methylene chloride is a solvent commonly used in a variety of industries and applications such as adhesives, paint and coating products, metal cleaning, chemical processing, and aerosols. Detections of Methylene chloride could be related to the newly constructed building on Site. Levels of Methylene chloride will be monitored at all PPs, northern risers (R-8 to R-16), and riser R-3 as part of the revised sampling plan.

4.4.6 Tetrachloroethene (PCE)

PCE was detected in several soil gas sample locations in December 2016 ranging from estimated values of 2.2 J ug/m3 to 8.1 J ug/m3. These detections were distributed throughout the Site.

PCE was detected in several PPs and risers in February 2022 at concentrations consistent with pre-development activities. Riser R-3, which is located outside of the enclosed garage area in the southern portion of the Site, exhibited an elevated PCE sub-slab concretion of 214 ug/m3; above the NYSDEC Sub-Slab Criteria- Matrix B of 100 ug/m3.

PCE was detected in IA samples at concentrations ranging from 0.21 ug/m3 to 0.251 ug/m3 in 2022, well below the NYSDEC Indoor Air Criteria- Matrix B of 3 ug/m3, NYSDOH Ambient Air Guideline Value of 30 ug/m3, and NYSDOH Immediate Action Guideline Value of 300 ug/m3. Therefore, concentrations of PCE are not migrating from the sub-slab into the building interior.

PCE will continue to be sampled in all PPs, northern risers (R-8 to R-16), and riser R-3 as part of the revised sampling plan. All sample locations where PCE was detected (PP-5, R-3, R-9, R-10, R-14, and R-16) are included in the revised sampling.

4.4.7 Trichloroethene (TCE)

In December 2016, TCE was detected in one (1) sample, SG-8, at 31 ug/m3 which exceeds the current NYSDEC Sub-Slab Criteria- Matrix A of 6 ug/m3. This sample was collected in the northern portion of the site.

TCE was not detected in any of the PP or risers in the northern portion of the site past construction. TCE was only detected in one (1) riser, riser R-3, at 2.42 ug/m3, below the NYSDEC Sub-Slab Criteria- Matrix A of 6 ug/m3. Riser R-3 collects sub slab air/soil gas from the southwestern area of the site. No soil/fill material was deposited in this area. All PPs, northern risers (R-8 to R-16), and riser R-3 are included in the revised sampling plan.

4.4.8 Trichlorofluoromethane (Freon 11)

In December 2016, Freon 11 was detected in two (2) samples, SG-1 (eastern) and SG-2 (western), at an estimated value of 6 J ug/m3 and 62 ug/m3, respectively. Freon 11 does not have any applicable NYSDEC or NYSDOH standards.

Freon 11 was detected in southeastern riser R-23 in February 2022 at 2.81 ug/m3. Riser R-23 collects sub slab air/soil gas from the southeastern area of the site. The decrease in concentrations identified is consistent with the shallow soil disturbance and soil removal.

Freon 11 will continue to be sampled in all PPs, northern risers (R-8 to R-16), and riser R-3 as part of the revised sampling plan. Since riser R-23 is not near sensitive receptors, it is not included in the revised sampling plan.

4.4.9 Vinyl Chloride (VC)

In December 2016, Vinyl Chloride (VC) was detected in four (4) soil gas sample locations, ranging from 0.52 J ug/m3 to 110 ug/m3. Concentrations of VC in two (2) of the samples, SG-9 and SG-10, exceeded the NYSDEC Sub-Slab Criteria- Matrix C of 6 ug/m3. These locations were in the northeastern portion of the site.

In February 2022, VC was detected in riser R-16 at 1.28 ug/m3, below the NYSDEC Sub-Slab Criteria- Matrix C of 6 ug/m3. This location is also in the northeastern portion of the site. VC was not detected in any other riser or PP. The decrease in concentrations identified is consistent with the shallow soil disturbance and soil removal.

VC will continue to be sampled in all PPs, northern risers (R-8 to R-16), and riser R-3 as part of the revised sampling plan; therefore, riser R-16 will continue to be monitored for VC.

4.4.10 Methane

In December 2016, Methane was detected in four (4) of the 10 soil gas samples. All four (4) samples, SG-4, SG-7, SG-9, and SG-10 were collected from the northeastern portion of the Site.

The maximum Methane concentration was 2.3 %v/v for the 2016 soil gas samples. Methane does not have any applicable NYSDEC or NYSDOH standards.

Methane was not detected in any of the sub-slab gas samples or indoor air collected in February 2022. The maximum detection limit was 0.227 %v/v for the 2022 sub-slab soil gas samples. The order of magnitude decrease in concentrations identified is consistent with the shallow soil disturbance and soil removal.

Since concentrations of Methane have decreased since 2016 and there were no detections for Methane in the 2022 sub-slab soil gas or IA, Methane analysis will not be included in the revised PRR sampling plan.

5 OPERATIONS, MAINTENANCE, AND MONITORING

The following table summarizes the O&M tasks required by the SMP and the current status:

Required OMM Task	Cap Inspection	SSVS Inspection	SSVS Pressure Gauging	SSVS Sampling	Indoor Air	Perimeter Soil Vapor	Reporting
Task Description	Inspect competence and condition of concrete slab, gravel, and landscape cover. Document property use consistent with Deed Restriction.	Inspect exhaust fans, risers, pressure ports, and U-tube manometers condition and function.	Report SSVS pressures at each riser and pressure port using a hand-held manometer.	Sample SSVS soil gas at each riser and pressure port for VOCs, carbon disulfide, methane, and hydrogen sulfide.	Sample indoor air, and ambient air (under the parking garage & not under the parking garage) for VOCs, carbon disulfide, methane, and hydrogen sulfide.	Sample the site's perimeter soil gas for VOCs, carbon disulfide, methane, and hydrogen sulfide.	Prepare and submit PRR to NYSDEC.
Frequency	Semi-annual	Semi-annual	Semi-annual	Annual	Annual	Annual	16 months after DEC issues certificate of completion
Inspection Conducted by	QEP representative	QEP representative	QEP representative	QEP representative	QEP representative	QEP representative	QEP representative
2021 Status	Completed - No concernes	Completed - minor repairs needed and completed	Completed - system converted to active due to poor negative pressure	Not completed - waiting for system to be converted to active	Not completed - waiting for system to be converted to active	Not completed - waiting for system to be converted to active & gain access approval	NA
2022 Status	Completed - No concernes	Completed - No concernes	Completed - ports located above the fan read positive pressure & U-tube manometers broke when exposed to weather	Completed - Riser 1 not sampled and Riser 20 & 8 does not have H2S data	Completed - No concernes	Not Completed - awaiting access approval	Completed

5.1 DEFICIENCIES THIS MONITORING PERIOD

Three (3) SSVS inspections were completed from October 2021 to February 2022 and several construction issues were encountered, but none affect the overall functionality/protectiveness of the engineering controls, as discussed below.

- In 2021 initial pressure readings of the passive SSVS did not produce a minimum negative pressure of -0.002 WC, therefore the SSVS system was upgraded from passive to active.
- Select risers read a positive pressure due to the sampling ports location relative to the fan. The select sampling ports were relocated below the fans in October 2022.
- All exterior U-Tube manometers were damaged by winter temperatures and wet weather; however, a hand-held manometer was able to gauge the pressure of all risers via the sampling port.

- Riser 1 was not able to be sampled or gauged due to a missing port and U-Tube manometer. A sampling port was added to Riser 1 is October 2022.
- Due to an issue with sampling Riser 20 with a Tedlar bag, there is no hydrogen sulfide data; however, the distance of Riser 20 relative to the enclosed building structure and the rest of the hydrogen sulfide data collected from around the site is sufficient enough to not affect the quality of the SSVS sampling event.
- Due to an error with the lab's instrument, the hydrogen sulfide data for Riser 8 was not collected. However, the rest of the hydrogen sulfide data collected from around the site is sufficient to not affect the quality of the SSVS sampling event.
- Due to the utilities surrounding the subject site, PSV sampling locations are limited to the neighboring properties to the north and east. Access letters were sent to the neighboring property owners; however, no responses have been received.

6 CONCLUSIONS AND RECOMMENDATIONS

6.1 INSTITUTIONAL CONTROLS

The Environmental Easement (EE) restricts the use of the site to commercial or industrial uses. The EE also restricts the usage of groundwater within the site boundaries. The EE requires ongoing monitoring in accordance with the NYSDEC approved Site Management Plan (SMP).

6.1.1 Compliance

The Institutional Controls remain in place and acts effectively (in conjunction with the Engineering Controls) to prevent contact with remaining contamination. Throughout the compliance monitoring period, the site has been operated by New Rochelle Department of Public Works & Department of Transportation (ground level), and commercial tenants including LA Fitness (second floor), and Costmart Wine & Liquor (second floor). Potable water is provided to the Property by SUEZ.

6.1.2 Recommendations

Low levels of contaminants, both site-related as well as non-site related, regional urban fill impacts, remain on the site; therefore, the Institutional Control (EE) will remain in place. No modifications are recommended.

6.2 ENGINEERING CONTROLS – COVER SYSTEM INSPECTION

The engineering control cap at the site consists of the existing building slab and the surrounding concrete parking deck and walkways, the landscaped areas to the south and east, the French drain area to the west, and the bioretention area to the west. Periodic site inspections have been conducted from 2020 through 2022. The cap is in good condition with no significant cracking or

deterioration. No cap disruptions have occurred, and none are currently planned. The cap is operating as designed to prevent direct contact with the remaining contaminated soil at the site.

6.2.1 Compliance

The approved SMP for the site requires cap inspections to be conducted on a semi-annual basis. This includes visual observations of the condition of the concrete slab, landscape areas, French drain area, and bio-retention areas. The inspection also includes an interview with the site management to determine if any cap disturbances occurred since the previous inspection that were not observed or if any cap disruptions are planned in the future. Any deterioration or disruptions that require repair or potential repair in the near future are noted. The cover system has been inspected in compliance with the SMP and is operating as designed.

6.2.2 Recommendations

Since the majority of the cap is constructed of a minimum of 12 inches of reinforced concrete and the large southern landscape area is unoccupied, the frequency of the cap inspections can be reduced and remain protective. The SMP currently recommends semi-annual cap inspections, however, based on the inspections completed in 2021-2022, a reduction in inspection frequency to annual inspection is recommended.

6.3 ENGINEERING CONTROLS – SSVS INSPECTION & GAUGING

The SSVS consists of a perforated PVC piping that connects to PVC risers with exhaust fans designed to vent any vapors that may potentially accumulate under the building slab. All perforated piping was installed within a layer of certified clean crushed stone below the concrete floor slab. This layer is a minimum of 8-inch deep. A 20-mil Vapor Barrier was installed above the layer of crushed stone prior to the installation of the slab. Pressure ports were also added throughout slab area to monitor the system effectiveness in areas that might have the worst pressure differential.

6.3.1 Compliance

The SSVS was monitored on a periodic basis from 2020 through 2022. Several minor issues were encountered as discussed in Section 5.1. Repairs were made as needed. The SSVS components were maintained in good condition with minor exceptions including the U-Tube manometers, as previously discussed.

All monitoring of the system has been conducted in accordance with schedules incorporated in the approved SMP.

The SSVS is operating as designed to prevent to prevent soil vapor intrusion into the building.

6.3.2 Recommendations

The active SSVS consistently maintains a negative pressure beneath the slab based on the testing conducted at the Pressure Monitoring ports and Risers.

U-Tube Monometers

Since the pressure readings can be obtained with a hand-held manometer. It is not recommended that the damaged exterior U-tube manometers be replaced at this time.

Gauging Frequency

Since limited VOC concentrations are present, reduced frequency of periodic inspection of the SSVS system components from semi-annual to annual is recommended.

6.4 POST-REMEDIATION SAMPLING – SVSS, INDOOR AIR & PERIMETER SOIL VAPOR

Air samples were collected from the SSVS risers pressure ports in accordance with the SMP and the RIWP/RAWP, with limited exceptions, as noted above. IA air sampling was also conducted concurrently with the SSVS sampling. PSV was also proposed but access issues prevented the collection PSV samples. The SSVS and IA data suggest no significant site related soil gas contamination is present at the site and no site related soil gas contaminants were identified within the occupied areas of the site. Data tables for the SSVS and IA samples can be found in Tables 3, 4, 5, and 6.

6.4.1 Compliance

All risers and pressure ports were sampled in February 2022 for VOCs, carbon disulfide, methane, and hydrogen sulfide, with the exception of Riser 1 which was missing a port, and Risers 20 & 8 for hydrogen sulfide due to issues with the Tedlar bag or lab instrument. Three (3) IA and two ambient air samples were collected and analyzed for VOCs, carbon disulfide, methane, and hydrogen sulfide. All sampling has been conducted in accordance with schedules incorporated in the approved SMP and RIWP/RAWP, except for the PSV sampling which was not possible due to access issues.

Based on the results of the SSVS air sample analysis, no VOC compounds are present in the soil vapor at concentrations that exceed the NY Sub-Slab Criteria Matrix A, B, & C, with one exception. The Tetrachloroethene concentration at Riser 3 (214 ug/m3) exceeded the NY Sub-Slab Criteria Matrix-B (100 ug/m3). Riser 3 is located outside of the building footprint area, and the IA did not exceed the NY Indoor Air Matrix-B Criteria, therefore no action is required for Tetrachloroethene at Riser 3.

For the indoor air results, Methylene chloride and Carbon tetrachloride exceeded the NYSDOH Air Guideline Value and NY Indoor Air Criteria however neither of these compounds were detected in the sub-slab samples therefore any exceedances are unrelated to the fill VOC issue. Additionally, the indoor air concentrations of all compounds that were detected in the soil vapor and indoor air, had indoor air and ambient air concentrations below the EPA's 95th Percentile concentrations, therefore, the VOCs detected in the indoor air and ambient air are background concentrations and unrelated the VOC fill issue.

Therefore, no significant site related soil gas contamination was identified in the SSVS or IA samples.

6.4.2 Recommendations

Since no significant concentrations of contaminants have been identified during the sub-slab or indoor air quality monitoring, a reduced sampling plan is recommended for future sampling events.

Access requests will be re-sent to neighboring property owners in order to complete the proposed PSV sampling. Any new off-site property access attempts will be documented in the next PRR, in addition to the PSV sampling details/results, if access is granted.

Current Sampling Required	Analysis	Proposed Sampling	Analysis
5 pressure ports - annually	VOC, carbon disulfide, methane hydrogen sulfide	5 pressure ports - annually	VOC
23 Risers - annually	VOC, carbon disulfide, methane hydrogen sulfide	10 Risers (3, 8-16) within the building footprint - annually	VOC
3 Indoor air locations and 2 ambient - annually	VOC, carbon disulfide, methane hydrogen sulfide	3 Indoor air locations and 2 ambient - annually	VOC
5 Perimeter Soil Gas – once	VOC, carbon disulfide, methane hydrogen sulfide	5 Perimeter Soil Gas – once	VOC, carbon disulfide, methane hydrogen sulfide

The proposed sampling frequency is recommended based on the existing results. In the event that future results do not confirm the initial results, DEC should be consulted, and sampling frequency may be increased. The sampling plan should be re-assessed based on the results of future sampling and recommendations provided in the next PRR.

6.5 PERIODIC REVIEW REPORT SUBMITTALS

The current SMP requires a PRR submittal 16 months after DEC issued the Certificate of Completion with frequency changes, as appropriate with NYSDEC approval.

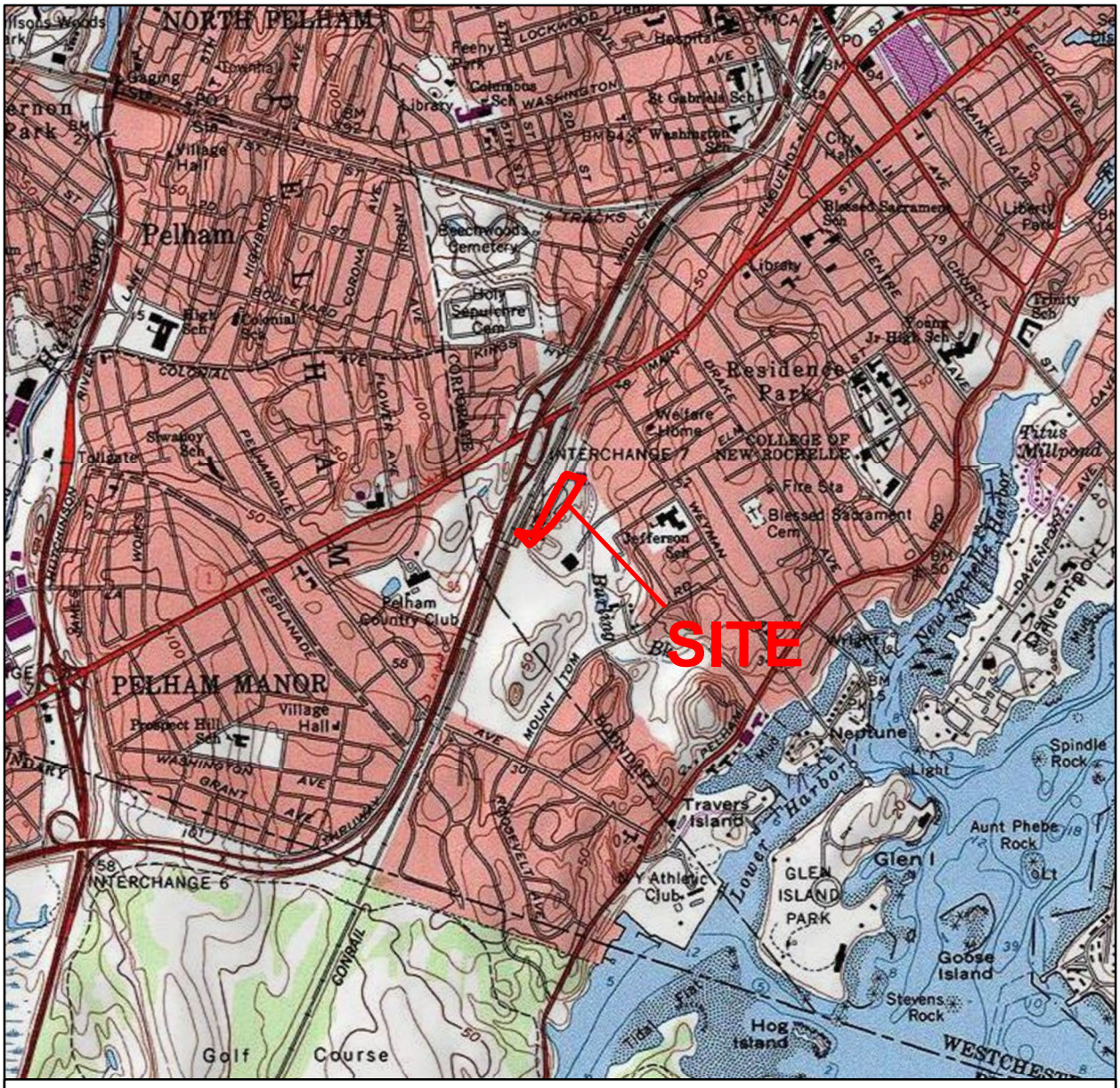
6.5.1 Compliance

The initial Periodic Review Reports (PRR) is being submitted to the NYSDEC as required in the SMP or as requested by the Department. The submittal of this report fulfills this requirement.

6.5.2 Recommendations

Given the results of the monitoring thus far, and the ability of the existing systems to remain protective, monitoring is recommended at the frequencies discussed above and a PRR should be submitted to the Department at a frequency of once every year. The frequency of ongoing PRRs will be assessed in the next PRR.

FIGURES



1 0.5 0 1
Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000
Feet

1 0 1 2
Kilometers

N

1:24,000

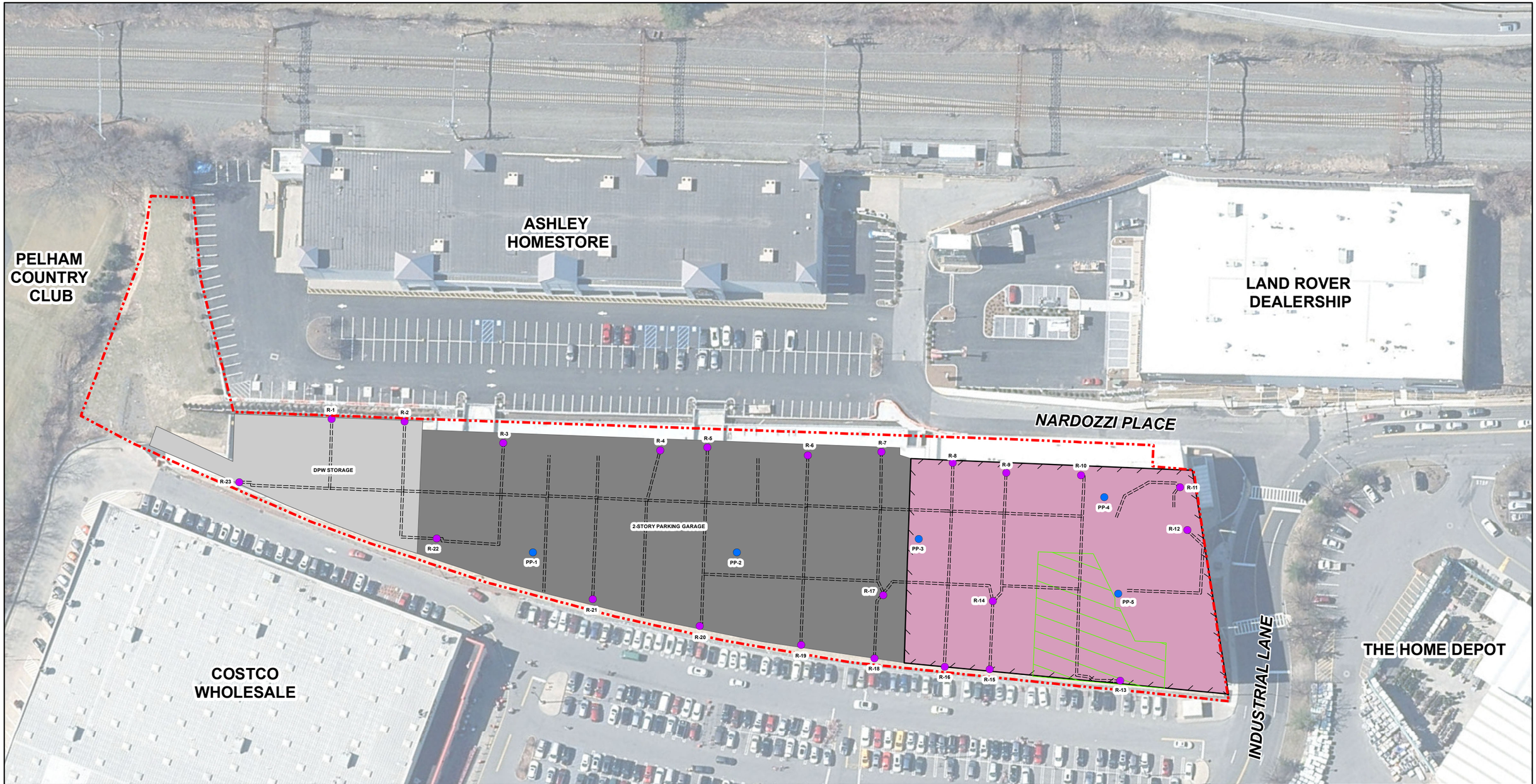
Service Layer Credits: Copyright:© 2013 National Geographic Society, i-cubed

SITE LOCATION MAP

70 NARDOZZI PLACE
BLOCK 564, LOT 2
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 9/10/2020	JMS #2015.191.001
JM SORGE, INC.	FIGURE 1



Legend

- Property Boundary
- Sub-Slab Vapor System Horizontal PVC
- Risers
- PressurePorts
- 2-Story Parking Garage
- Exterior Vehicle & Equipment Storage

Building Footprint

- Lower-Level Mezzanine Footprint
- Upper-Level Retail Footprint

N

0 40 80 160 Feet

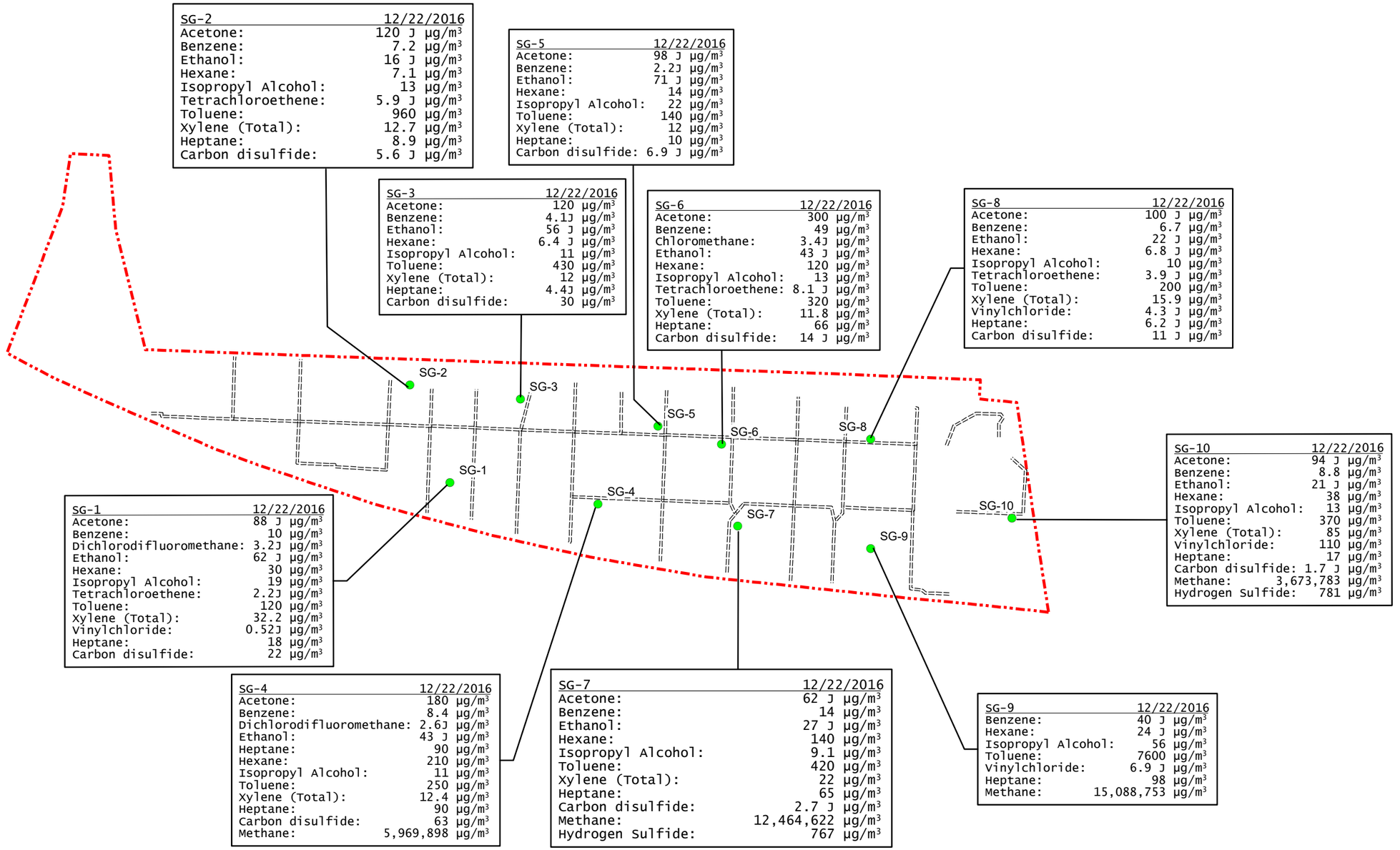
NOTES:
1. Property Boundaries are approximate.
2. Source - Based on Site Layout Plan Map dated July 14, 2015 prepared by JMC

SITE MAP

70 NARDOZZI PLACE
BLOCK 564, LOT 2
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 1/26/2023	JMS # 2015.191.004
JM SORGE, INC.	FIGURE 2



SG-2	12/22/2016
Acetone:	120 J µg/m³
Benzene:	7.2 µg/m³
Ethanol:	16 J µg/m³
Hexane:	7.1 µg/m³
Isopropyl Alcohol:	13 µg/m³
Tetrachloroethene:	5.9 J µg/m³
Toluene:	960 µg/m³
Xylene (Total):	12.7 µg/m³
Heptane:	8.9 µg/m³
Carbon disulfide:	5.6 J µg/m³

SG-5	12/22/2016
Acetone:	98 J µg/m³
Benzene:	2.2J µg/m³
Ethanol:	71 J µg/m³
Hexane:	14 µg/m³
Isopropyl Alcohol:	22 µg/m³
Toluene:	140 µg/m³
Xylene (Total):	12 µg/m³
Heptane:	10 µg/m³
Carbon disulfide:	6.9 J µg/m³

SG-3	12/22/2016
Acetone:	120 µg/m³
Benzene:	4.1J µg/m³
Ethanol:	56 J µg/m³
Hexane:	6.4 J µg/m³
Isopropyl Alcohol:	11 µg/m³
Toluene:	430 µg/m³
Xylene (Total):	12 µg/m³
Heptane:	4.4J µg/m³
Carbon disulfide:	30 µg/m³

SG-6	12/22/2016
Acetone:	300 µg/m³
Benzene:	49 µg/m³
Chloromethane:	3.4J µg/m³
Ethanol:	43 J µg/m³
Hexane:	120 µg/m³
Isopropyl Alcohol:	13 µg/m³
Tetrachloroethene:	8.1 J µg/m³
Toluene:	320 µg/m³
Xylene (Total):	11.8 µg/m³
Heptane:	66 µg/m³
Carbon disulfide:	14 J µg/m³

SG-8	12/22/2016
Acetone:	100 J µg/m³
Benzene:	6.7 µg/m³
Ethanol:	22 J µg/m³
Hexane:	6.8 J µg/m³
Isopropyl Alcohol:	10 µg/m³
Tetrachloroethene:	3.9 J µg/m³
Toluene:	200 µg/m³
Xylene (Total):	15.9 µg/m³
Vinylchloride:	4.3 J µg/m³
Heptane:	6.2 J µg/m³
Carbon disulfide:	11 J µg/m³

SG-10	12/22/2016
Acetone:	94 J µg/m³
Benzene:	8.8 µg/m³
Ethanol:	21 J µg/m³
Hexane:	38 µg/m³
Isopropyl Alcohol:	13 µg/m³
Toluene:	370 µg/m³
Xylene (Total):	85 µg/m³
Vinylchloride:	110 µg/m³
Heptane:	17 µg/m³
Carbon disulfide:	1.7 J µg/m³
Methane:	3,673,783 µg/m³
Hydrogen Sulfide:	781 µg/m³

SG-1	12/22/2016
Acetone:	88 J µg/m³
Benzene:	10 µg/m³
Dichlorodifluoromethane:	3.2J µg/m³
Ethanol:	62 J µg/m³
Hexane:	30 µg/m³
Isopropyl Alcohol:	19 µg/m³
Tetrachloroethene:	2.2J µg/m³
Toluene:	120 µg/m³
Xylene (Total):	32.2 µg/m³
Vinylchloride:	0.52J µg/m³
Heptane:	18 µg/m³
Carbon disulfide:	22 µg/m³

SG-4	12/22/2016
Acetone:	180 µg/m³
Benzene:	8.4 µg/m³
Dichlorodifluoromethane:	2.6J µg/m³
Ethanol:	43 J µg/m³
Heptane:	90 µg/m³
Hexane:	210 µg/m³
Isopropyl Alcohol:	11 µg/m³
Toluene:	250 µg/m³
Xylene (Total):	12.4 µg/m³
Heptane:	90 µg/m³
Carbon disulfide:	63 µg/m³
Methane:	5,969,898 µg/m³

SG-7	12/22/2016
Acetone:	62 J µg/m³
Benzene:	14 µg/m³
Ethanol:	27 J µg/m³
Hexane:	140 µg/m³
Isopropyl Alcohol:	9.1 µg/m³
Toluene:	420 µg/m³
Xylene (Total):	22 µg/m³
Heptane:	65 µg/m³
Carbon disulfide:	2.7 J µg/m³
Methane:	12,464,622 µg/m³
Hydrogen Sulfide:	767 µg/m³

SG-9	12/22/2016
Benzene:	40 J µg/m³
Hexane:	24 J µg/m³
Isopropyl Alcohol:	56 µg/m³
Toluene:	7600 µg/m³
Vinylchloride:	6.9 J µg/m³
Heptane:	98 µg/m³
Methane:	15,088,753 µg/m³

Legend

Property Boundary

Horizontal PVC

Soil Gas Samples - December 22, 2016

NOTES:
1. Property Boundaries are approximate.

J = Estimated value

Only results for 2,2,4-Trimethylpentane, Acetone, Benzene, Chloromethane, Dichlorodifluoromethane, Ethanol, Hexane, Isopropyl Alcohol, Tetrachloroethene, Toluene, Xylene (Total), Heptane, Carbon disulfide, Methane, Hydrogen Sulfide and Vinylchloride are presented in this map. If data is not shown for one of these 16 analytes then the result is ND.

N

0 50 100 200 Feet

SOIL GAS SAMPLE RESULTS - 2016

GSI NEW ROCHELLE
70 NARDOZZI PLACE
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 1/6/2023	JMS # 2015.191.033
JM SORGE, INC.	FIGURE 3

R-3	2/9/2022
Acetone:	15.1 µg/m³
Chloromethane:	0.892 µg/m³
Dichlorodifluoromethane:	2.58 µg/m³
Ethanol:	22.4 µg/m³
Tetrachloroethene:	214 µg/m³
Toluene:	1.93 µg/m³

R-4/5	2/10/2022
Acetone:	65.8 µg/m³
Chloromethane:	0.822 µg/m³
Dichlorodiflumethane:	2.57 µg/m³
Ethanol:	21.7 µg/m³
Isopropyl Alcohol:	2.53 µg/m³
Methyl ethyl ketone:	5.19 µg/m³
Toluene:	5.99 µg/m³
Xylene (Total):	4.34 µg/m³

R-2	2/9/2022
Acetone:	10.8 µg/m³
Benzene:	2.68 µg/m³
Dichlorodifluoromethane:	2.37 µg/m³
Toluene:	1.89 µg/m³
Carbon disulfide:	1.43 µg/m³

R-23	2/9/2022
Acetone:	14.6 µg/m³
Benzene:	1.74 µg/m³
Chloromethane:	1.08 µg/m³
Dichlorodifluoromethane:	2.43 µg/m³
Ethanol:	30 µg/m³
Toluene:	2.43 µg/m³

R-22	2/10/2022
Acetone:	11.6 µg/m³
Chloromethane:	0.952 µg/m³
Dichloromethane:	2.84 µg/m³
Toluene:	1.92 µg/m³

R-21	2/10/2022
2,2,4-Trimethylpentane:	4.53 µg/m³
Acetone:	86 µg/m³
Benzene:	3.01 µg/m³
Chloromethane:	1.36 µg/m³
Dichlorodifluoromethane:	2.68 µg/m³
Hexane:	3.43 µg/m³
Isopropyl Alcohol:	4.18 µg/m³
Toluene:	7.05 µg/m³
Xylene (Total):	4.13 µg/m³
Heptane:	2.2 µg/m³

R-20	2/10/2022
Acetone:	54.6 µg/m³
Dichlorodifluoromethane:	2.87 µg/m³
Toluene:	5.84 µg/m³

R-1 R-2 R-3 R-4 R-5 R-6 R-7 R-8 R-9 R-10 R-11 R-12 R-13 R-14 R-15 R-16 R-17 R-18 R-19 R-20 R-21 R-22 R-23

SG-1 SG-2 SG-3 SG-4 SG-5 SG-6 SG-7 SG-8 SG-9 SG-10

PP-1 PP-2 PP-3 PP-4 PP-5

Legend

- Property Boundary
- ====== Horizontal PVC
- Soil Gas Samples - December 22, 2016
- Risers
- Pressure Ports

NOTES:
1. Property Boundaries are approximate.

J = Estimated value

Only results for 2,2,4-Trimethylpentane, Acetone, Benzene, Chloromethane, Dichlorodifluoromethane, Ethanol, Hexane, Isopropyl Alcohol, Tetrachloroethene, Toluene, Xylene (Total), Heptane, Carbon disulfide, Methane, and Hydrogen Sulfide are presented in this map. If data is not shown for one of these 15 analytes then the result is ND.

N

0 45 90 180 Feet

SOIL GAS SAMPLE LOCATIONS - SOUTH RISERS

GSI NEW ROCHELLE
70 NARDOZZI PLACE
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 4/7/2022	JMS # 2015.191.035
JM SORGE, INC.	FIGURE 4A

R-7	2/8/2022
Acetone:	9.95 µg/m³
Benzene:	1.55 µg/m³
Chloromethane:	0.931 µg/m³
Dichlorodifluoromethane:	2.32 µg/m³
Isopropyl Alcohol:	3.66 µg/m³
Toluene:	3.45 µg/m³
Xylene (Total):	6.52 µg/m³

R-8	2/8/2022
2,2,4-Trimethylpentane:	2.05 µg/m³
Acetone:	16 µg/m³
Benzene:	1.76 µg/m³
Chloromethane:	1.08 µg/m³
Dichlorodifluoromethane:	2.35 µg/m³
Ethanol:	35 µg/m³
Isopropyl Alcohol:	4.52 µg/m³
Toluene:	8.03 µg/m³
Xylene (Total):	7.59 µg/m³

R-6	2/8/2022
Acetone:	10.7 µg/m³
Chloromethane:	0.979 µg/m³
Dichlorodifluoromethane:	2.29 µg/m³
Ethanol:	25.2 µg/m³
Hexane:	2.82 µg/m³
Isopropyl Alcohol:	3.69 µg/m³
Toluene:	4.82 µg/m³
Xylene (Total):	6.17 µg/m³

R-9	2/8/2022
2,2,4-Trimethylpentane:	2.28 µg/m³
Acetone:	12.6 µg/m³
Benzene:	1.75 µg/m³
Chloromethane:	1.21 µg/m³
Dichlorodifluoromethane:	2.39 µg/m³
Tetrachloroethene:	38.7 µg/m³
Toluene:	7.91 µg/m³
Xylene (Total):	26.77 µg/m³

R-17	2/10/2022
Acetone:	191 µg/m³
Dichlorodifluoromethane:	2.43 µg/m³
Ethanol:	21.9 µg/m³
Isopropyl Alcohol:	4.97 µg/m³
Toluene:	7.31 µg/m³

R-10	2/8/2022
Acetone:	20.1 µg/m³
Dichlorodifluoromethane:	2.52 µg/m³
Tetrachloroethene:	11.5 µg/m³
Toluene:	3.72 µg/m³

R-11	2/8/2022
2,2,4-Trimethylpentane:	5.56 µg/m³
Acetone:	35.9 µg/m³
Benzene:	2.33 µg/m³
Chloromethane:	1.6 µg/m³
Dichlorodifluoromethane:	2.43 µg/m³
Ethanol:	61 µg/m³
Hexane:	2.65 µg/m³
Isopropyl Alcohol:	7.47 µg/m³
Toluene:	14.9 µg/m³
Xylene (Total):	22.08 µg/m³
Heptane:	8.16 µg/m³

R-12	2/8/2022
Acetone:	4820 µg/m³
Chloromethane:	4.21 µg/m³
Ethanol:	64.4 µg/m³
Hexane:	4.62 µg/m³
Isopropyl Alcohol:	12.3 µg/m³
Toluene:	4.86 µg/m³
Heptane:	3.86 µg/m³
Carbon disulfide:	6.76 µg/m³

R-18/19	2/10/2022
Acetone:	44.9 µg/m³
Benzene:	1.5 µg/m³
Dichlorodifluoromethane:	2.63 µg/m³
Toluene:	4.41 µg/m³

R-16	2/10/2022
2,2,4-Trimethylpentane:	2.57 µg/m³
Acetone:	87.9 µg/m³
Benzene:	1.86 µg/m³
Chloromethane:	0.785 µg/m³
Dichlorodifluoromethane:	2.21 µg/m³
Ethanol:	23.2 µg/m³
Hexane:	1.47 µg/m³
Tetrachloroethene:	2.67 µg/m³
Toluene:	8.06 µg/m³
Xylene (Total):	10.52 µg/m³

R-15	2/10/2022
Acetone:	229 µg/m³
Benzene:	1.29 µg/m³
Cloromethane:	1.21 µg/m³
Dichlorodifluoromethane:	2.11 µg/m³
Ethanol:	46 µg/m³
Hexane:	1.48 µg/m³
Isopropyl Alcohol:	5.46 µg/m³
Toluene:	11.2 µg/m³
Xylene (Total):	13.3 µg/m³

R-14	2/10/2022
Acetone:	103 µg/m³
Dichlorodifluoromethane:	2.31 µg/m³
Hexane:	1.66 µg/m³
Isopropyl Alcohol:	2.88 µg/m³
Tetrachloroethene:	33 µg/m³
Toluene:	5.13 µg/m³

R-13	2/10/2022
Acetone:	141 µg/m³
Chloromethane:	0.917 µg/m³
Dichlorodifluoromethane:	2.24 µg/m³
Ethanol:	41.8 µg/m³
Isopropyl Alcohol:	11.4 µg/m³
Toluene:	12.8 µg/m³
Xylene (Total):	13.59 µg/m³
Carbon disulfide:	1.63 µg/m³

R-1 R-2 R-3 R-4 R-5 R-6 R-7 R-8 R-9 R-10 R-11 R-12 R-13 R-14 R-15 R-16 R-17 R-18 R-19 R-20 R-21 R-22 R-23
SG-1 SG-2 SG-3 SG-4 SG-5 SG-6 SG-7 SG-8 SG-9 SG-10
PP-1 PP-2 PP-3 PP-4 PP-5

Legend

- Property Boundary
- Horizontal PVC
- Soil Gas Samples - December 22, 2016
- Risers
- Pressure Ports

NOTES:
1. Property Boundaries are approximate.

J = Estimated value

Only results for 2,2,4-Trimethylpentane, Acetone, Benzene, Chloromethane, Dichlorodifluoromethane, Ethanol, Hexane, Isopropyl Alcohol, Tetrachloroethene, Toluene, Xylene (Total), Heptane, Carbon disulfide, Methane, and Hydrogen Sulfide are presented in this map. If data is not shown for one of these 15 analytes then the result is ND.

N

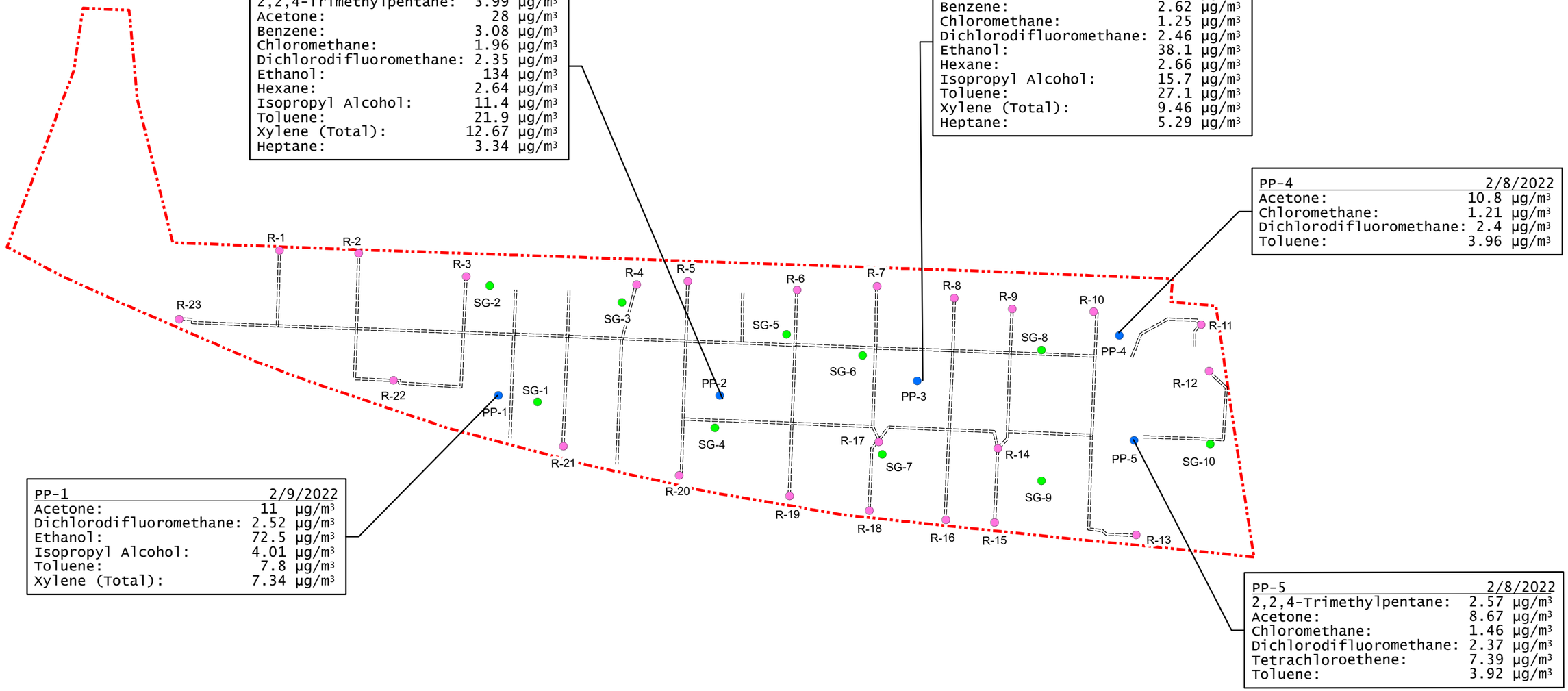
0 45 90 180 Feet

SOIL GAS SAMPLE LOCATIONS - NORTH RISERS

GSI NEW ROCHELLE
70 NARDOZZI PLACE
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 4/7/2022	JMS # 2015.191.036
JM SORGE, INC.	FIGURE 4B



Legend

- Property Boundary
- ====== Horizontal PVC
- Soil Gas Samples - December 22, 2016
- Risers
- Pressure Ports

NOTES:
1. Property Boundaries are approximate.

J = Estimated value

Only results for 2,2,4-Trimethylpentane, Acetone, Benzene, Chloromethane, Dichlorodifluoromethane, Ethanol, Hexane, Isopropyl Alcohol, Tetrachloroethene, Toluene, Xylene (Total), Heptane, Carbon disulfide, Methane, and Hydrogen Sulfide are presented in this map. If data is not shown for one of these 15 analytes then the result is ND.

N

0 40 80 160 Feet

SOIL GAS SAMPLE LOCATIONS - PRESSURE PORTS

GSI NEW ROCHELLE
70 NARDOZZI PLACE
NEW ROCHELLE, NEW YORK

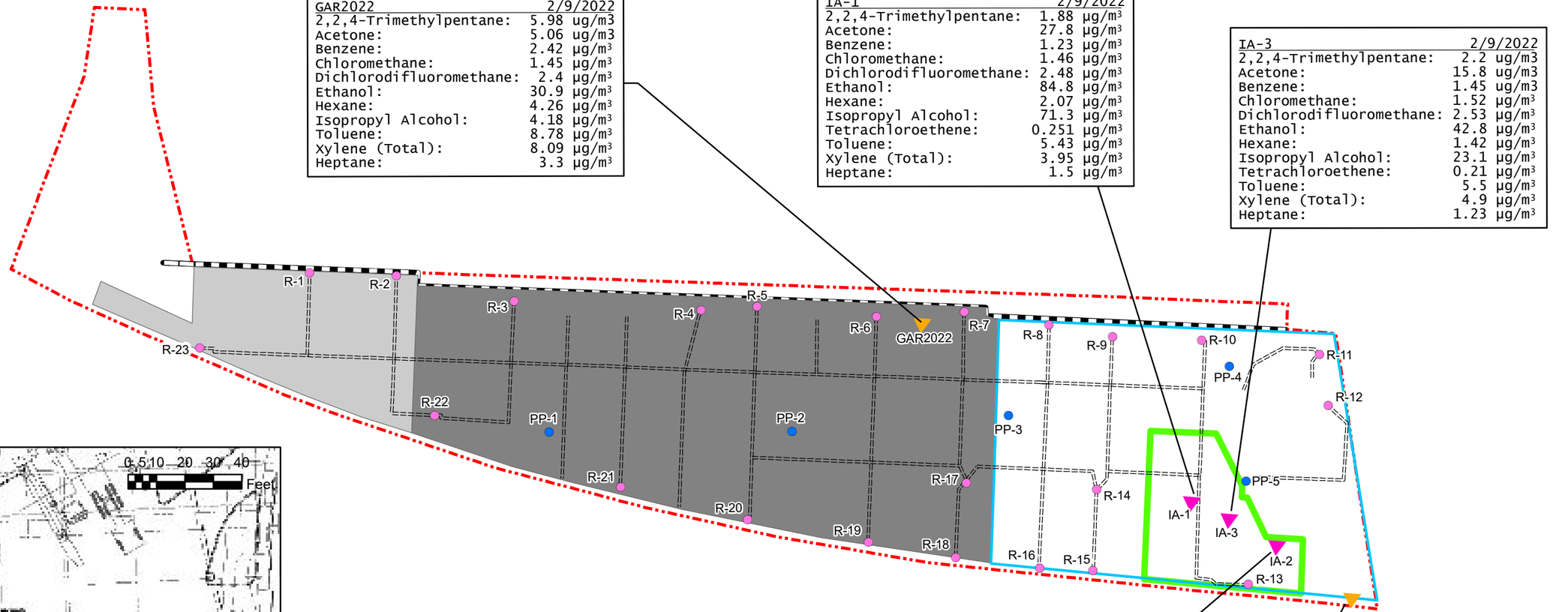
PREPARED FOR
70 NARDOZZI LLC

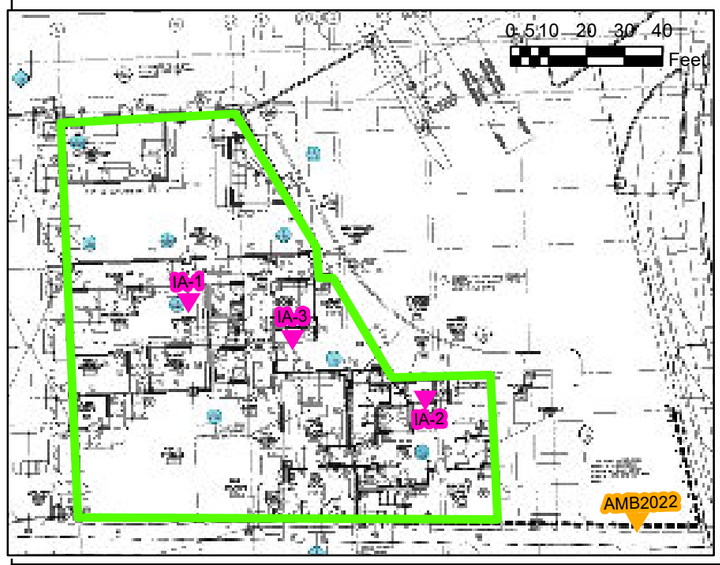
Date: 4/7/2022	JMS # 2015.191.034
JM SORGE, INC.	FIGURE 5

GAR2022	2/9/2022
2,2,4-Trimethylpentane:	5.98 ug/m3
Acetone:	5.06 ug/m3
Benzene:	2.42 µg/m³
Chloromethane:	1.45 µg/m³
Dichlorodifluoromethane:	2.4 µg/m³
Ethanol:	30.9 µg/m³
Hexane:	4.26 µg/m³
Isopropyl Alcohol:	4.18 µg/m³
Toluene:	8.78 µg/m³
Xylene (Total):	8.09 µg/m³
Heptane:	3.3 µg/m³

IA-1	2/9/2022
2,2,4-Trimethylpentane:	1.88 µg/m³
Acetone:	27.8 µg/m³
Benzene:	1.23 µg/m³
Chloromethane:	1.46 µg/m³
Dichlorodifluoromethane:	2.48 µg/m³
Ethanol:	84.8 µg/m³
Hexane:	2.07 µg/m³
Isopropyl Alcohol:	71.3 µg/m³
Tetrachloroethene:	0.251 µg/m³
Toluene:	5.43 µg/m³
Xylene (Total):	3.95 µg/m³
Heptane:	1.5 µg/m³

IA-3	2/9/2022
2,2,4-Trimethylpentane:	2.2 ug/m3
Acetone:	15.8 ug/m3
Benzene:	1.45 ug/m3
Chloromethane:	1.52 µg/m³
Dichlorodifluoromethane:	2.53 µg/m³
Ethanol:	42.8 µg/m³
Hexane:	1.42 µg/m³
Isopropyl Alcohol:	23.1 µg/m³
Tetrachloroethene:	0.21 µg/m³
Toluene:	5.5 µg/m³
Xylene (Total):	4.9 µg/m³
Heptane:	1.23 µg/m³





IA-2	2/9/2022
2,2,4-Trimethylpentane:	1.23 ug/m3
Acetone:	7.2 ug/m3
Benzene:	1.29 ug/m3
Chloromethane:	1.37 ug/m3
Dichlorodifluoromethane:	2.45 ug/m3
Ethanol:	30.3 ug/m3
Hexane:	1.12 ug/m3
Isopropyl Alcohol:	20.4 ug/m3
Tetrachloroethene:	0.217 ug/m3
Toluene:	3.84 ug/m3

AMB2022	2/9/2022
Acetone:	3.8 µg/m³
Benzene:	1.05 µg/m³
Chloromethane:	1.27 µg/m³
Dichlorodifluoromethane:	2.27 µg/m³
Ethanol:	11.4 µg/m³
Hexane:	0.832 µg/m³
Isopropyl Alcohol:	1.59 µg/m³
Toluene:	1.7 µg/m³

Legend

- Property Boundary
- Upper-Level Retail Footprint
- Lower-Level Mezzanine Footprint
- Steel Sheet Pile Wall
- Horizontal PVC
- Risers
- PressurePorts
- Indoor Air Sampling Locations
- Ambient Air Sampling Location

N

0 40 80 160
Feet

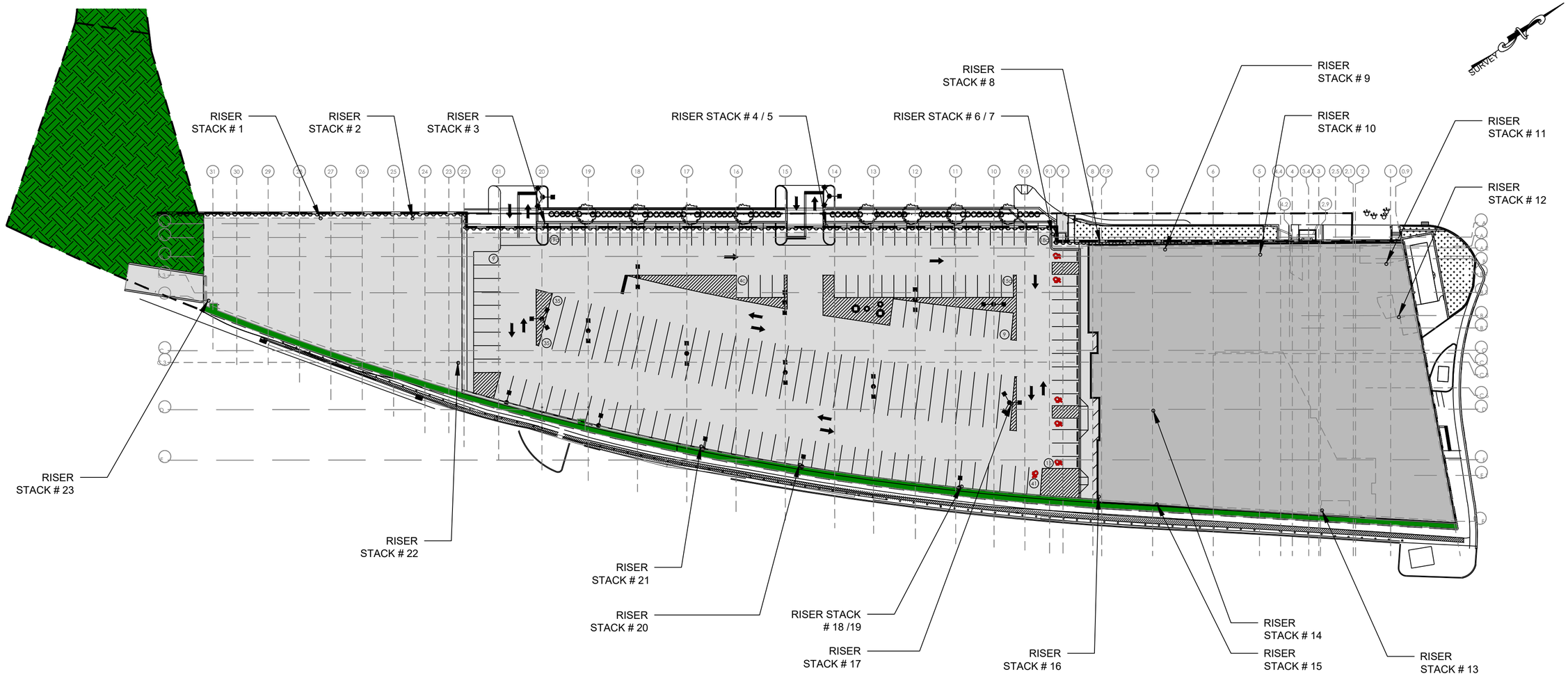
NOTES:
1. Property Boundaries are approximate.
2. Source - Based on Site Layout Plan Map dated July 14, 2015 prepared by JMC

INDOOR AIR DATA MAP

70 NARDOZZI PLACE
BLOCK 564, LOT 2
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 4/7/2022	JMS # 2015.191.032
JM SORGE, INC.	FIGURE 6

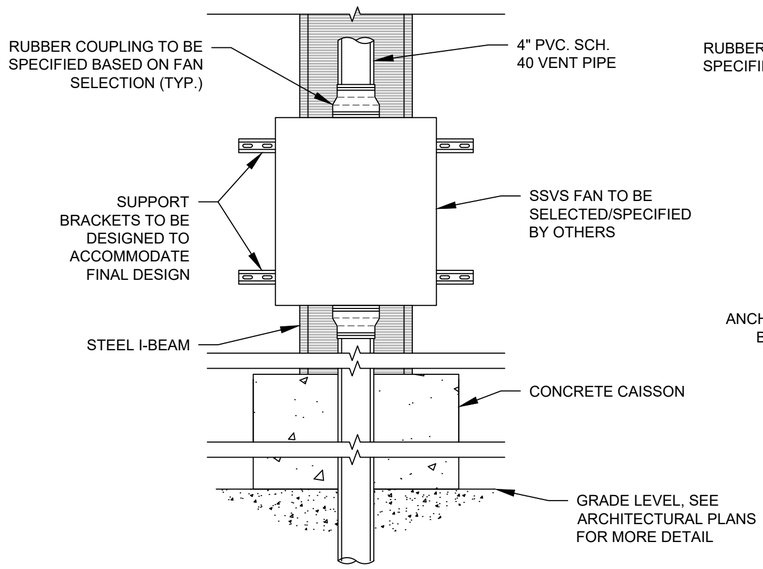


SITE PLAN
1" = 50'

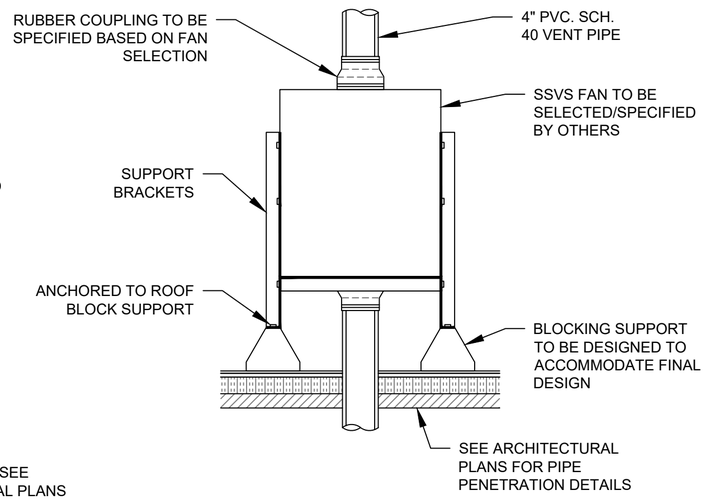
50 25 0 50
SCALE: 1"=50'

RISER STACK #	LOCATION OF BLOWER	MOUNT
1	Exterior	ON BASE
2	Exterior	ON BASE
3	Parking Level	ON BASE
4/5	Parking Level	ON BASE
6/7	Parking Level	ON BASE
8	Roof	ON BASE
9	Roof	EC FAN
10	Roof	ON BASE
11	Roof	ON BASE
12	Roof	ON BASE
13	Roof	EC FAN
14	Roof	ON BASE
15	Roof	ON BASE
16	Roof	EC FAN
17	Parking Level	ON BASE
18/19	Parking Level	ON BASE
20	Parking Level	ON BASE
21	Parking Level	ON BASE
22	Parking Level	ON BASE
23	Exterior	BEAM-MOUNTED

RISER STACK SCHEDULE



BEAM-MOUNTED RISER BLOWER



BASE MOUNTED RISER BLOWER

NOTES

1. PROPERTY BOUNDARY AND EXISTING TOPOGRAPHIC INFORMATION IS BASED ON A CERTAIN DRAWING TITLED "SURVEY OF PROPERTY SITUATE IN THE CITY OF NEW ROCHELLE WESTCHESTER COUNTY" PREPARED BY LINK LAND SURVEYORS P.C. (DATED JULY 22, 2020).
2. SEE ARCHITECTURAL PLANS FOR INTERIOR IMPROVEMENTS.
3. BLOWERS TO BE DESIGNED BY A LICENSED MECHANICAL ENGINEER OR LICENSES MASTER PLUMBER.
4. BLOWERS SHALL PROVIDE A CONSTANT NEGATIVE PRESSURE OF 0.002 WC.
5. BLOWER ENCLOSURE SHALL CONTAIN VISUAL AND AUDIO ALARM TO GO OFF IF THE SYSTEM IS NOT OPERATIONAL.



TYPICAL BASE MOUNTED RISER LOCATION

DRESDNER ROBIN
DRESDNER ROBIN - NEW YORK
1 EVERTRUST PLAZA, SUITE 901, JERSEY CITY, NJ 07302
TEL: 201.217.9200 FAX: 201.217.9607
JERSEY CITY • FAIRFIELD • ASBURY PARK • CHERRY HILL

REVISIONS:

Nº	DATE	DESCRIPTION	BY
01	04.05.2022	REVISED PER INSTALLED DATA	GRG

ENVIRONMENTAL CONSULTANT:
JM SORGE, INC.
ENVIRONMENTAL CONSULTANTS
57 FOURTH STREET
SOMERVILLE, NJ 08876
908.218.0066

APPLICANT:
G & S INVESTORS

PROJECT:
70 NARDOZZI PLACE

LOCATION:
70 NARDOZZI PLACE
SECTION 2, BLOCK 564, LOT 2
NEW ROCHELLE, NEW YORK

DRAWING NAME:
LOCATION OF RISER STACKS

DRWN BY:	CHKD BY:	DRWG Nº:
JCQ	JM	FIGURE 7
SCALE: 1" = 50'	DATE: 12.28.2020	
JOB No: 00785-008		

DUE TO INHERENT ERRORS IN REPRODUCTION METHODS, ERRORS MAY OCCUR WHEN SCALING THIS DRAWING

Q:\P80\00785-008 70Nardozzi\EGCA\00785-008 100 CKS.dwg CSK-01 4/5/2022 5:46 PM GGorinelli

TABLES

Table 1

70 Nardozzi Place, New Rochelle, NY

2016 Investigatory Soil Gas Data

Station Name	NY Sub Slab Criteria - Matrix A	NY Sub Slab Criteria - Matrix B	NY Sub Slab Criteria - Matrix C	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SG-9	SG-10
Depth				0 - 4 ft	0 - 4 ft	0 - 4 ft	0 - 2.5 ft	0 - 4 ft	0 - 4 ft	0 - 4 ft	0 - 3 ft	0 - 4 ft	0 - 2.5 ft
Date				12/22/2016	12/22/2016	12/22/2016	12/22/2016	12/22/2016	12/22/2016	12/22/2016	12/22/2016	12/22/2016	12/22/2016
Lab Sample ID				200-36792-1	200-36792-2	200-36792-3	200-36792-4	200-36792-5	200-36792-6	200-36792-7	200-36792-8	200-36792-9	200-36792-10
Units				ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Other													
Hydrogen Sulfide	NS	NS	NS	--	--	--	--	--	--	767	--	--	781
Methane	NS	NS	NS	< 0.061 %v/v	< 0.056 %v/v	< 0.068 %v/v	0.91 %v/v	< 0.061 %v/v	< 0.056 %v/v	1.9 %v/v	< 0.052 %v/v	2.3 %v/v	0.56 %v/v
Semi-VOAs													
Hexachlorobutadiene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Naphthalene	NS	NS	NS	--	--	--	--	--	--	--	--	--	23 J
VOAs													
1,1,1-Trichloroethane	NS	100	NS	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichlorotrifluoroethane	NS	NS	NS	--	--	--	--	--	--	--	2.5 J	--	--
1,1-Dichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	6	NS	NS	--	--	--	--	--	--	--	2.1 J	--	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	NS	NS	NS	6.7 J	--	4.7 J	5.4 J	5.4 J	5.4 J	6.5 J	5.5 J	--	64
1,2-Dichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	NS	NS	NS	--	--	--	--	--	--	2.7 J	2.1 J	--	20
1,3-Butadiene	NS	NS	NS	3.3 J	6.5	6.9	13	1.8 J	60	--	8.1	--	2.7 J
1,3-Dichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	16
1,4-Dioxane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
2,2,4-Trimethylpentane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
2-Chlorotoluene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
2-Hexanone	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	NS	NS	NS	--	--	--	--	--	--	--	--	--	12
4-Methyl-2-pentanone	NS	NS	NS	--	--	--	--	5.2 J	--	--	--	--	--
Acetone	NS	NS	NS	88 J	120 J	120	180	98 J	300	62 J	100 J	--	94 J
Allyl chloride	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Benzene	NS	NS	NS	10	7.2	4.1 J	8.4	2.2 J	49	14	6.7	40 J	8.8
Benzyl Chloride	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromoethene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromoform	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromomethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	NS	NS	NS	22	5.6 J	30	63	6.9 J	14 J	2.7 J	11 J	--	1.7 J
Carbon tetrachloride	6	NS	NS	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Chloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Chloroform	NS	NS	NS	--	--	5.1 J	--	2.3 J	--	--	--	--	1.7 J
Chloromethane	NS	NS	NS	--	--	--	--	--	3.4 J	--	--	--	--
cis-1,2-Dichloroethene	6	NS	NS	--	--	--	--	--	--	--	22	--	7.7 J
cis-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Cyclohexane	NS	NS	NS	--	--	--	1.8 J	--	2.8 J	13	--	--	6.3 J
Dibromochloromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	NS	NS	NS	3.2 J	--	--	2.6 J	--	--	--	--	--	--
Ethanol	NS	NS	NS	62 J	16 J	56 J	43 J	71 J	43 J	27 J	22 J	--	21 J
Ethyl acetate	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NS	NS	NS	12	3.3 J	2.9 J	2.8 J	2.6 J	4.2 J	7.8 J	9.2	13 J	26
Ethylene dibromide	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Freon 114	NS	NS	NS	--	--	--	--	--	--	--	--	--	4.9 J
Heptane	NS	NS	NS	18	8.9	4.4 J	90	10	66	65	6.2 J	98	17
Hexane	NS	NS	NS	30	7.1	6.4 J	210	14	120	140	6.8 J	24 J	38
Isopropyl Alcohol	NS	NS	NS	19	13	11	11	22	13	9.1	10	56	13
m,p-Xylene	NS	NS	NS	24	9.1 J	8.3 J	8.8 J	8.5 J	8.3 J	15 J	11 J	--	62
Methyl ethyl ketone	NS	NS	NS	21	17	11 J	15	14 J	53	14 J	26	39 J	21
Methyl methacrylate	NS	NS	NS	--	4.5 J	--	--	--	--	41	--	70 J	7.4 J
Methyl tert butyl ether	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Methylene chloride	NS	100	NS	--	4.2 J	6.2 J	2.5 J	--	--	--	--	--	3.2 J
o-Xylene	NS	NS	NS	8.2 J	3.6 J	3.7 J	3.6 J	3.5 J	3.5 J	7 J	4.9 J	--	23
Styrene	NS	NS	NS	--	--	--	--	--	--	--	1.7 J	--	3.6 J
Tertiary butyl alcohol	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	NS	100	NS	2.2 J	5.9 J	--	--	--	8.1 J	--	3.9 J	--	--
Tetrahydrofuran	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Toluene	NS	NS	NS	120	960	430	250	140	320	420	200	7600	370
trans-1,2-Dichloroethene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Trichloroethene	6	NS	NS	--	--	--	--	--	--	--	31	--	--
Trichlorofluoromethane	NS	NS	NS	6 J	62	--	--	--	--	--	--	--	--
Vinylchloride	NS	NS	6	0.52 J	--	--	--	--	--	--	4.3 J	6.9 J	110
Xylene (Total)	NS	NS	NS	32.2	12.7	12	12.4	12	11.8	22	15.9	--	85

Notes

NS: No Standard

NA: Not Analyzed

--: Not Detected

J: Estimated value

Table 2

70 Nardozzi Place, New Rochelle, NY

Riser Pressure Port Pressure Summary

	12/1/2020	9/28/2021	10/13/2021		12/17/2021	2/8-10/2022	8/4/2022	10/11/2022
	hand-held	hand-held	hand-held	U-Tube[3]	hand-held	hand-held	hand-held	hand-held
Riser 1	--[1]	--[1]	--[1]	--[1]	--[1]	--[1]	--[1]	-0.450
Riser 2	--[1]	--[1]	-0.483	-0.42	-0.011	-0.490	-0.480	-0.521
Riser 3	--[1]	--[1]	0.130	0.15	0.123	0.135	0.128	-0.479
Riser 4/5	--[1]	--[1]	--[1]	--[1]	-0.527	-0.540	-0.504	--[6]
Riser 4	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	-0.576
Riser 5	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	-0.046
Riser 6	--[1]	--[1]	-0.289	--[2]	-0.324	-0.333	-0.322	-0.327
Riser 7	--[1]	--[1]	-0.28	-0.3	-0.305	-0.336	-0.315	-0.315
Riser 8	--[1]	--[1]	-0.465	-0.5	-0.456	-2.020	-0.482	-0.496
Riser 9	--[1]	--[1]	-0.413	-0.45	-0.385	-0.416	-0.410	-0.429
Riser 10	--[1]	--[1]	-0.63	--[2]	-0.667	-0.715	-0.671	-0.700
Riser 11	--[1]	--[1]	-1.96	-1.89	-2.060	-2.150	-1.975	-2.090
Riser 12	--[1]	--[1]	-1.98	-1.9	-2.020	-2.100	-1.946	-2.050
Riser 13	--[1]	--[1]	1.380	0.25	0.157	0.147	0.126	-0.962
Riser 14	--[1]	--[1]	-0.003	0.00	0.080	0.800	0.077	-0.402
Riser 15	--[1]	--[1]	0.003	0.10	0.012	0.300	0.005	-0.205
Riser 16	--[1]	--[1]	0	0	-0.004	0.059	0.062	-0.365
Riser 17	--[1]	--[1]	0.094	0.10	0.089	0.105	0.096	-0.352
Riser 18/19	--[1]	--[1]	0.258	0.20	0.245	0.183	0.255	--[6]
Riser 18	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	-0.315
Riser 19	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	-0.323
Riser 20	--[1]	--[1]	0.125	0.15	0.115	0.120	0.117	-0.572
Riser 21	--[1]	--[1]	1.920	1.96	1.828	1.917	1.834	-0.047
Riser 22	--[1]	--[1]	0.115	0.21	0.111	0.123	0.079	-0.390
Riser 23	--[1]	--[1]	-0.518	-0.48	-0.509	-0.526	-0.521	-0.521
Pressure Port 1	0	-0.0015	0[5]	NA	-0.034	-0.042	-0.037	-0.023
Pressure Port 2	-0.001	-0.004	-0.036	NA	-0.060	-0.060	-0.066	-0.066
Pressure Port 3	--[4]	--[4]	-0.052	NA	-0.052	-0.013	-0.078	-0.077
Pressure Port 4	-0.002	-0.0045	-0.072	NA	-0.070	-0.057	-0.102	-0.089
Pressure Port 5	-0.002	-0.005	-0.048	NA	-0.053	-0.098	-0.079	-0.077

Minimum negative pressure required = -0.002 (in-H20)

NA: Not Applicable

[1] U-Tube manometer and sampling port not installed

[2] U-Tube manometer damaged

[3] U-Tube manometers were installed after the 9/28/2021 inspection. By 12/17/2021 the majority of the U-Tube manometers were damaged from being outside and exposed to the elements, therefore due to the unreliability of the U-Tube manometers, pressure readings were not collected using the U-Tube manometers after 10/13/2021.

[4] Pressure port was inaccessible

[5] Pressure port blocked or poor seal. Repaired on 12/17/2021.

[6] Individual sampling ports added to Risers 4, 5, 18, and 19 on 10/11/2022

Pressure not in acceptable range

Pressure in acceptable range

Pressure reading positive due to location of sampling port above the fan. Repaired on 10/11/2022.

Table 3

70 Nardozzi Place, New Rochelle, NY

Pressure Port Soil Gas Data

Field Sample ID	NY Sub Slab Criteria - Matrix A	NY Sub Slab Criteria - Matrix B	NY Sub Slab Criteria - Matrix C	PP-1	PP-2	PP-3	PP-4	PP-5
Date				02/09/22	02/09/22	02/08/22	02/08/22	02/08/22
Lab Sample ID				L2206828-11 and 12	L2206828-13 and 14	L2206518-15 and 16	L2206518-07 and -08	L2206518-05 and -06
Units				ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Other								
Hydrogen Sulfide	NS	NS	NS	--	--	--	--	--
Methane	NS	NS	NS	< 0.192 %v/v	< 0.213 %v/v	< 0.2 %v/v	< 0.217 %v/v	< 0.222 %v/v
VOAs								
Hexachlorobutadiene	NS	NS	NS	--	--	--	--	--
1,1,1-Trichloroethane	NS	100	NS	--	--	--	--	--
1,1,2,2-Tetrachloroethane	NS	NS	NS	--	--	--	--	--
1,1,2-Trichloroethane	NS	NS	NS	--	--	--	--	--
1,1,2-Trichlorotrifluoroethane	NS	NS	NS	--	--	--	--	--
1,1-Dichloroethane	NS	NS	NS	--	--	--	--	--
1,1-Dichloroethene	6	NS	NS	--	--	--	--	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	--	--	--	--
1,2,4-Trimethylbenzene	NS	NS	NS	4.49	2.35	3.12	--	--
1,2-Dichlorobenzene	NS	NS	NS	--	--	--	--	--
1,2-Dichloroethane	NS	NS	NS	--	--	--	--	--
1,2-Dichloropropane	NS	NS	NS	--	--	--	--	--
1,3,5-Trimethylbenzene	NS	NS	NS	--	--	--	--	--
1,3-Butadiene	NS	NS	NS	--	--	--	--	--
1,3-Dichlorobenzene	NS	NS	NS	--	--	--	--	--
1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--
1,4-Dichlorobenzene	NS	NS	NS	--	--	--	--	--
1,4-Dioxane	NS	NS	NS	--	--	--	--	--
2,2,4-Trimethylpentane	NS	NS	NS	--	3.99	7.71	--	2.57
2-Hexanone	NS	NS	NS	--	--	--	--	--
4-Ethyltoluene	NS	NS	NS	--	--	--	--	--
4-Methyl-2-pentanone	NS	NS	NS	--	--	--	--	--
Acetone	NS	NS	NS	11	28	94.5	10.8	8.67
Allyl chloride	NS	NS	NS	--	--	--	--	--
Benzene	NS	NS	NS	--	3.08	2.62	--	--
Benzyl Chloride	NS	NS	NS	--	--	--	--	--
Bromodichloromethane	NS	NS	NS	--	--	--	--	--
Bromoethene	NS	NS	NS	--	--	--	--	--
Bromoform	NS	NS	NS	--	--	--	--	--
Bromomethane	NS	NS	NS	--	--	--	--	--
Carbon disulfide	NS	NS	NS	--	--	--	--	--
Carbon tetrachloride	6	NS	NS	--	--	--	--	--
Chlorobenzene	NS	NS	NS	--	--	--	--	--
Chloroethane	NS	NS	NS	--	--	--	--	--
Chloroform	NS	NS	NS	--	--	--	--	--
Chloromethane	NS	NS	NS	--	1.96	1.25	1.21	1.46
cis-1,2-Dichloroethene	6	NS	NS	--	--	--	--	--
cis-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--
Cyclohexane	NS	NS	NS	--	--	--	--	--
Dibromochloromethane	NS	NS	NS	--	--	--	--	--
Dichlorodifluoromethane	NS	NS	NS	2.52	2.35	2.46	2.4	2.37
Ethanol	NS	NS	NS	72.5	134	38.1	--	--
Ethyl acetate	NS	NS	NS	--	--	--	--	--
Ethylbenzene	NS	NS	NS	--	3.2	2.32	--	--
Ethylene dibromide	NS	NS	NS	--	--	--	--	--
Freon 114	NS	NS	NS	--	--	--	--	--
Heptane	NS	NS	NS	--	3.34	5.29	--	--
Hexane	NS	NS	NS	--	2.64	2.66	--	--
Isopropyl Alcohol	NS	NS	NS	4.01	11.4	15.7	--	--
m,p-Xylene	NS	NS	NS	5	9.6	6.91	--	--
Methyl ethyl ketone	NS	NS	NS	16.4	7.08	3.27	--	--
Methyl tert butyl ether	NS	NS	NS	--	--	--	--	--
Methylene chloride	NS	100	NS	--	--	--	--	--
o-Xylene	NS	NS	NS	2.34	3.07	2.55	--	--
Styrene	NS	NS	NS	--	--	--	--	2.42
Tertiary butyl alcohol	NS	NS	NS	7.34	--	--	--	--
Tetrachloroethene	NS	100	NS	--	--	--	--	7.39
Tetrahydrofuran	NS	NS	NS	17.9	8.17	--	--	3.86
Toluene	NS	NS	NS	7.8	21.9	27.1	3.96	3.92
trans-1,2-Dichloroethene	NS	NS	NS	--	--	--	--	--
trans-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--
Trichloroethene	6	NS	NS	--	--	--	--	--
Trichlorofluoromethane	NS	NS	NS	--	--	--	--	--
Vinylchloride	NS	NS	6	--	--	--	--	--
Xylene (Total)	NS	NS	NS	7.34	12.67	9.46	--	--

Notes

NS: No Standard

--: Not Detected

Table 4

70 Nardozzi Place, New Rochelle, NY

Riser Soil Gas Data

Field Sample ID	NY Sub Slab Criteria - Matrix A	NY Sub Slab Criteria - Matrix B	NY Sub Slab Criteria - Matrix C	R-2	R-3	R-4/5	R-6	R-7	R-8	R-9	R-10	R-11	R-12
Date				02/09/22	02/09/22	02/10/22	02/08/22	02/08/22	02/08/22	02/08/22	02/08/22	02/08/22	02/08/22
Lab Sample ID				L2206828-17 and 18	L2206828-15 and 16	L2207305-11 and -12	L2206518-19 and 20	L2206518-17 and 18	L2206518-13	L2206518-11 and 12	L2206518-09 and 10	L2206518-03 and 04	L2206518-01 and 02
Units				ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Other													
Hydrogen Sulfide	NS	NS	NS	--	--	--	--	--	NA	--	--	--	--
Methane	NS	NS	NS	< 0.192 %v/v	< 0.192 %v/v	< 0.196 %v/v	< 0.208 %v/v	< 0.196 %v/v	< 0.217 %v/v	< 0.2 %v/v	< 0.204 %v/v	< 0.204 %v/v	< 0.222 %v/v
VOAs													
Hexachlorobutadiene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	NS	100	NS	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichlorotrifluoroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	6	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	NS	NS	NS	--	--	--	2.97	--	4.12	2.81	2.95	7.52	--
1,2-Dichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3-Butadiene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
2,2,4-Trimethylpentane	NS	NS	NS	--	--	--	--	--	2.05	2.28	--	5.56	--
2-Hexanone	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
4-Ethyltoluene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Acetone	NS	NS	NS	10.8	15.1	65.8	10.7	9.95	16	12.6	20.1	35.9	4820
Allyl chloride	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Benzene	NS	NS	NS	2.68	--	--	--	1.55	1.76	1.75	--	2.33	--
Benzyl Chloride	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromoethene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromoform	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromomethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	NS	NS	NS	1.43	--	--	--	--	--	--	--	--	6.76
Carbon tetrachloride	6	NS	NS	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Chloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Chloroform	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Chloromethane	NS	NS	NS	--	0.892	0.822	0.979	0.931	1.08	1.21	--	1.6	4.21
cis-1,2-Dichloroethene	6	NS	NS	--	2.79	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Cyclohexane	NS	NS	NS	--	--	--	--	--	--	--	--	--	5.61
Dibromochloromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	NS	NS	NS	2.37	2.58	2.57	2.29	2.32	2.35	2.39	2.52	2.43	--
Ethanol	NS	NS	NS	--	22.4	21.7	25.2	--	35	--	--	61	64.4
Ethyl acetate	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	NS	NS	NS	--	--	--	--	--	--	6.73	--	4.23	--
Ethylene dibromide	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Freon 114	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Heptane	NS	NS	NS	--	--	--	--	--	--	--	--	8.16	3.86
Hexane	NS	NS	NS	--	--	--	2.82	--	--	--	--	2.65	4.62
Isopropyl Alcohol	NS	NS	NS	--	--	2.53	3.69	3.66	4.52	--	--	7.47	12.3
m,p-Xylene	NS	NS	NS	--	--	4.34	4.2	4.73	5.13	20.3	--	16	--
Methyl ethyl ketone	NS	NS	NS	3.07	--	5.19	11.4	13.3	21.6	20	61.1	40.1	6930
Methyl tert butyl ether	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Methylene chloride	NS	100	NS	--	--	4.52	--	--	--	--	--	--	--
o-Xylene	NS	NS	NS	--	--	--	1.97	1.79	2.46	6.47	--	6.08	--
Styrene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Tertiary butyl alcohol	NS	NS	NS	--	--	5.34	--	--	--	--	--	--	--
Tetrachloroethene	NS	100	NS	--	214	--	--	--	--	38.7	11.5	--	--
Tetrahydrofuran	NS	NS	NS	9.14	7.37	--	87.3	35.1	185	54.6	185	162	13400
Toluene	NS	NS	NS	1.89	1.93	5.99	4.82	3.45	8.03	7.91	3.72	14.9	4.86
trans-1,2-Dichloroethene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Trichloroethene	6	NS	NS	--	2.42	--	--	--	--	--	--	--	--
Trichlorofluoromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Vinylchloride	NS	NS	6	--	--	--	--	--	--	--	--	--	--
Xylene (Total)	NS	NS	NS	--	--	4.34	6.17	6.52	7.59	26.77	--	22.08	--

Notes

NS: No Standard

NA: Not Analyzed

--: Not Detected

Table 4

70 Nardozzi Place, New Rochelle, NY

Riser Soil Gas Data

Field Sample ID	NY Sub Slab Criteria - Matrix A	NY Sub Slab Criteria - Matrix B	NY Sub Slab Criteria - Matrix C	R-13	R-14	R-15	R-16	R-17	R-18/19	R-20	R-21	R-22	R-23
Date				02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/09/22
Lab Sample ID				L2207305-13 and -14	L2207305-15 and -16	L2207305-17 and -18	L2207305-19 and -20	L2207305-09 and -10	L2207305-07 and -08	L2207305-05	L2207305-03 and -04	L2207305-01 and -02	L2206828-19 and 20
Units				ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Other													
Hydrogen Sulfide	NS	NS	NS	--	--	--	--	--	--	NA	--	--	--
Methane	NS	NS	NS	< 0.222 %v/v	< 0.2 %v/v	< 0.2 %v/v	< 0.182 %v/v	< 0.213 %v/v	< 0.2 %v/v	< 0.2 %v/v	< 0.217 %v/v	< 0.196 %v/v	< 0.227 %v/v
VOAs													
Hexachlorobutadiene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	NS	100	NS	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichlorotrifluoroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	6	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3-Butadiene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
2,2,4-Trimethylpentane	NS	NS	NS	--	--	--	2.57	--	--	--	4.53	--	--
2-Hexanone	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
4-Ethyltoluene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Acetone	NS	NS	NS	141	103	229	87.9	191	44.9	54.6	86	11.6	14.6
Allyl chloride	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Benzene	NS	NS	NS	--	--	1.29	1.86	--	1.5	--	3.01	--	1.74
Benzyl Chloride	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromoethene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromoform	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Bromomethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Carbon disulfide	NS	NS	NS	1.63	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	6	NS	NS	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Chloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Chloroform	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Chloromethane	NS	NS	NS	0.917	--	1.21	0.785	--	--	--	1.36	0.952	1.08
cis-1,2-Dichloroethene	6	NS	NS	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Cyclohexane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	NS	NS	NS	2.24	2.31	2.11	2.21	2.43	2.63	2.87	2.68	2.84	2.43
Ethanol	NS	NS	NS	41.8	--	46	23.2	21.9	--	--	--	--	30
Ethyl acetate	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	NS	NS	NS	2.72	--	2.69	2.12	--	--	--	--	--	--
Ethylene dibromide	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Freon 114	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Heptane	NS	NS	NS	--	--	--	--	--	--	--	2.2	--	--
Hexane	NS	NS	NS	--	1.66	1.48	1.47	--	--	--	3.43	--	--
Isopropyl Alcohol	NS	NS	NS	11.4	2.88	5.46	--	4.97	--	--	4.18	--	--
m,p-Xylene	NS	NS	NS	10.2	--	9.99	7.86	--	--	--	4.13	--	--
Methyl ethyl ketone	NS	NS	NS	3.36	--	5.1	--	6.31	--	7.9	16.1	--	--
Methyl tert butyl ether	NS	NS	NS	--	--	--	--	5.52	--	--	2.37	--	--
Methylene chloride	NS	100	NS	--	4.62	--	--	--	--	--	--	--	--
o-Xylene	NS	NS	NS	3.39	--	3.31	2.66	--	--	--	--	--	--
Styrene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Tertiary butyl alcohol	NS	NS	NS	--	3.64	5.94	--	19.5	--	6.61	10.4	--	--
Tetrachloroethene	NS	100	NS	--	33	--	2.67	--	--	--	--	--	--
Tetrahydrofuran	NS	NS	NS	--	--	4.84	--	3.39	3.72	6.99	31.3	4.25	4.54
Toluene	NS	NS	NS	12.8	5.13	11.2	8.06	7.31	4.41	5.84	7.05	1.92	2.43
trans-1,2-Dichloroethene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--	--
Trichloroethene	6	NS	NS	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--	2.81
Vinylchloride	NS	NS	6	--	--	--	1.28	--	--	--	--	--	--
Xylene (Total)	NS	NS	NS	13.59	--	13.3	10.52	--	--	--	4.13	--	--

Notes

NS: No Standard

NA: Not Analyzed

--: Not Detected

Table 5

70 Nardozzi Place, New Rochelle, NY

Indoor Air Data

Field Sample ID	NYSDOH Air Guideline Values (Ambient Air)	NYSDOH Air Guideline Values (Immediate Action)	NY Indoor Air Criteria - Matrix A	NY Indoor Air Criteria - Matrix B	NY Indoor Air Criteria - Matrix C	AMB2022	GAR2022	IA-1	IA-2	IA-3
Date						02/09/22	02/09/22	02/09/22	02/09/22	02/09/22
Lab Sample ID						L2206828-01 and 02	L2206828-03 and 04	L2206828-05 and 06	L2206828-07 and 08	L2206828-09 and 10
Units						ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Other										
Hydrogen Sulfide	NS	NS	NS	NS	NS	--	--	--	--	--
Methane	NS	NS	NS	NS	NS	< 0.2 %v/v	< 0.2 %v/v	< 0.2 %v/v	< 0.143 %v/v	< 0.2 %v/v
VOAs										
Hexachlorobutadiene	NS	NS	NS	NS	NS	--	--	--	--	--
1,1,1-Trichloroethane	NS	NS	NS	3	NS	--	--	--	--	--
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	--	--	--	--	--
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	--	--	--	--	--
1,1,2-Trichlorotrifluoroethane	NS	NS	NS	NS	NS	--	--	--	--	--
1,1-Dichloroethane	NS	NS	NS	NS	NS	--	--	--	--	--
1,1-Dichloroethene	NS	NS	0.2	NS	NS	--	--	--	--	--
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	--	--	--	--	--
1,2,4-Trimethylbenzene	NS	NS	NS	NS	NS	--	3.79	--	--	1.62
1,2-Dichlorobenzene	NS	NS	NS	NS	NS	--	--	--	--	--
1,2-Dichloroethane	NS	NS	NS	NS	NS	--	--	--	--	--
1,2-Dichloropropane	NS	NS	NS	NS	NS	--	--	--	--	--
1,3,5-Trimethylbenzene	NS	NS	NS	NS	NS	--	1.03	--	--	--
1,3-Butadiene	NS	NS	NS	NS	NS	--	--	--	--	--
1,3-Dichlorobenzene	NS	NS	NS	NS	NS	--	--	--	--	--
1,3-Dichloropropene	NS	NS	NS	NS	NS	--	--	--	--	--
1,4-Dichlorobenzene	NS	NS	NS	NS	NS	--	--	--	--	--
1,4-Dioxane	NS	NS	NS	NS	NS	--	--	--	--	--
2,2,4-Trimethylpentane	NS	NS	NS	NS	NS	--	5.98	1.88	1.23	2.2
2-Hexanone	NS	NS	NS	NS	NS	--	--	--	--	--
4-Ethyltoluene	NS	NS	NS	NS	NS	--	--	--	--	--
4-Methyl-2-pentanone	NS	NS	NS	NS	NS	--	3.84	--	--	--
Acetone	NS	NS	NS	NS	NS	3.8	5.06	27.8	7.2	15.8
Allyl chloride	NS	NS	NS	NS	NS	--	--	--	--	--
Benzene	NS	NS	NS	NS	NS	1.05	2.42	1.23	1.29	1.45
Benzyl Chloride	NS	NS	NS	NS	NS	--	--	--	--	--
Bromodichloromethane	NS	NS	NS	NS	NS	--	--	--	--	--
Bromoethene	NS	NS	NS	NS	NS	--	--	--	--	--
Bromoform	NS	NS	NS	NS	NS	--	--	--	--	--
Bromomethane	NS	NS	NS	NS	NS	--	--	--	--	--
Carbon disulfide	NS	NS	NS	NS	NS	--	--	--	--	--
Carbon tetrachloride	NS	NS	0.2	NS	NS	0.472	0.459	0.428	0.497	0.503
Chlorobenzene	NS	NS	NS	NS	NS	--	--	--	--	--
Chloroethane	NS	NS	NS	NS	NS	--	--	--	--	--
Chloroform	NS	NS	NS	NS	NS	--	--	--	--	2.28
Chloromethane	NS	NS	NS	NS	NS	1.27	1.45	1.46	1.37	1.52
cis-1,2-Dichloroethene	NS	NS	0.2	NS	NS	--	--	--	--	--
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	--	--	--	--	--
Cyclohexane	NS	NS	NS	NS	NS	--	1.62	--	--	--
Dibromochloromethane	NS	NS	NS	NS	NS	--	--	--	--	--
Dichlorodifluoromethane	NS	NS	NS	NS	NS	2.27	2.4	2.48	2.45	2.53
Ethanol	NS	NS	NS	NS	NS	11.4	30.9	84.8	30.3	42.8
Ethyl acetate	NS	NS	NS	NS	NS	--	--	--	--	--
Ethylbenzene	NS	NS	NS	NS	NS	--	1.82	0.877	--	1.05
Ethylene dibromide	NS	NS	NS	NS	NS	--	--	--	--	--
Freon 114	NS	NS	NS	NS	NS	--	--	--	--	--
Heptane	NS	NS	NS	NS	NS	--	3.3	1.5	--	1.23
Hexane	NS	NS	NS	NS	NS	0.832	4.26	2.07	1.12	1.42
Isopropyl Alcohol	NS	NS	NS	NS	NS	1.59	4.18	71.3	20.4	23.1
m,p-Xylene	NS	NS	NS	NS	NS	--	5.82	2.88	--	3.47
Methyl ethyl ketone	NS	NS	NS	NS	NS	--	--	--	--	--
Methyl tert butyl ether	NS	NS	NS	NS	NS	--	--	--	--	--
Methylene chloride	60	NS	NS	3	NS	--	--	19.4	--	--
o-Xylene	NS	NS	NS	NS	NS	--	2.27	1.07	--	1.43
Styrene	NS	NS	NS	NS	NS	--	--	--	--	--
Tertiary butyl alcohol	NS	NS	NS	NS	NS	--	--	--	--	--
Tetrachloroethene	30	300	NS	3	NS	--	--	0.251	0.217	0.21
Tetrahydrofuran	NS	NS	NS	NS	NS	--	--	--	--	--
Toluene	NS	NS	NS	NS	NS	1.7	8.78	5.43	3.84	5.5
trans-1,2-Dichloroethene	NS	NS	NS	NS	NS	--	--	--	--	--
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	--	--	--	--	--
Trichloroethene	2	20	0.2	NS	NS	--	--	--	--	--
Trichlorofluoromethane	NS	NS	NS	NS	NS	--	--	--	--	--
Vinylchloride	NS	NS	NS	NS	0.2	--	--	--	--	--
Xylene (Total)	NS	NS	NS	NS	NS	--	8.09	3.95	--	4.9

Notes

NS: No Standard

--: Not Detected

Table 6

70 Nardozzi Place, New Rochelle, NY

2022 Air Data with NY Standards Only

Field Sample ID	NY Sub Slab Criteria - Matrix A	NY Indoor Air Criteria - Matrix A	NY Sub Slab Criteria - Matrix B	NY Indoor Air Criteria - Matrix B	NY Sub Slab Criteria - Matrix C	NY Indoor Air Criteria - Matrix C	PP-1	PP-2	PP-3	PP-4	PP-5	R-2	R-3	R-4/5	R-6	R-7	R-8	R-9	R-10
Date							02/09/22	02/09/22	02/08/22	02/08/22	02/08/22	02/09/22	02/09/22	02/10/22	02/08/22	02/08/22	02/08/22	02/08/22	02/08/22
Lab Sample ID							L2206828-11 and 12	L2206828-13 and 14	L2206518-15 and 16	L2206518-07 and -08	L2206518-05 and -06	L2206828-17 and 18	L2206828-15 and 16	L2207305-11 and -12	L2206518-19 and 20	L2206518-17 and 18	L2206518-13	L2206518-11 and 12	L2206518-09 and 10
Matrix							Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air
Units							ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
VOAs																			
1,1,1-Trichloroethane	NS	NS	100	3	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	6	0.2	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	6	0.2	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	6	0.2	NS	NS	NS	NS	--	--	--	--	--	--	2.79	--	--	--	--	--	--
Methylene chloride	NS	NS	100	3	NS	NS	--	--	--	--	--	--	--	4.52	--	--	--	--	--
Tetrachloroethene	NS	NS	100	3	NS	NS	--	--	--	--	7.39	--	214	--	--	--	--	38.7	11.5
Trichloroethene	6	0.2	NS	NS	NS	NS	--	--	--	--	--	--	2.42	--	--	--	--	--	--
Vinylchloride	NS	NS	NS	NS	6	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--

Field Sample ID	NY Sub Slab Criteria - Matrix A	NY Indoor Air Criteria - Matrix A	NY Sub Slab Criteria - Matrix B	NY Indoor Air Criteria - Matrix B	NY Sub Slab Criteria - Matrix C	NY Indoor Air Criteria - Matrix C	R-11	R-12	R-13	R-14	R-15	R-16	R-17	R-18/19	R-20	R-21	R-22	R-23
Date							02/08/22	02/08/22	02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/10/22	02/09/22
Lab Sample ID							L2206518-03 and 04	L2206518-01 and 02	L2207305-13 and -14	L2207305-15 and -16	L2207305-17 and -18	L2207305-19 and -20	L2207305-09 and -10	L2207305-07 and -08	L2207305-05	L2207305-03 and -04	L2207305-01 and -02	L2206828-19 and 20
Matrix							Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air	Sub Slab Air
Units							ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
VOAs																		
1,1,1-Trichloroethane	NS	NS	100	3	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	6	0.2	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	6	0.2	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	6	0.2	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	NS	NS	100	3	NS	NS	--	--	--	4.62	--	--	--	--	--	--	--	--
Tetrachloroethene	NS	NS	100	3	NS	NS	--	--	--	33	--	2.67	--	--	--	--	--	--
Trichloroethene	6	0.2	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--	--
Vinylchloride	NS	NS	NS	NS	6	0.2	--	--	--	--	--	1.28	--	--	--	--	--	--

Field Sample ID	NY Sub Slab Criteria - Matrix A	NY Indoor Air Criteria - Matrix A	NY Sub Slab Criteria - Matrix B	NY Indoor Air Criteria - Matrix B	NY Sub Slab Criteria - Matrix C	NY Indoor Air Criteria - Matrix C	AMB2022	GAR2022	IA-1	IA-2	IA-3
Date							02/09/22	02/09/22	02/09/22	02/09/22	02/09/22
Lab Sample ID							L2206828-01 and 02	L2206828-03 and 04	L2206828-05 and 06	L2206828-07 and 08	L2206828-09 and 10
Matrix							Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air
Units							ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
VOAs											
1,1,1-Trichloroethane	NS	NS	100	3	NS	NS	--	--	--	--	--
1,1-Dichloroethene	6	0.2	NS	NS	NS	NS	--	--	--	--	--
Carbon tetrachloride	6	0.2	NS	NS	NS	NS	0.472	0.459	0.428	0.497	0.503
cis-1,2-Dichloroethene	6	0.2	NS	NS	NS	NS	--	--	--	--	--
Methylene chloride	NS	NS	100	3	NS	NS	--	--	19.4	--	--
Tetrachloroethene	NS	NS	100	3	NS	NS	--	--	0.251	0.217	0.21
Trichloroethene	6	0.2	NS	NS	NS	NS	--	--	--	--	--
Vinylchloride	NS	NS	NS	NS	6	0.2	--	--	--	--	--

Notes

NS: No Standard

--: Not Detected

ATTACHMENT A

Mitigation System Installation Record

Mitigation System Installation Record

☒ Structure was sampled previously

System Information

Site No: C360159

System ID:

Site Name: 70 Nardozzi Place

Owner Name: P.V.E. Co LLC / P.V.E. II Co LLC ☐ Owner Occupied

System Address: 70 Nardozzi Place Telephone: 203-253-9115

City: New Rochelle Zip: 10805 Alt. Telephone:

Contractor Information

See Table 1

Installer Name: Company:

Telephone:

Building Conditions

Building Type: Multi-Use Building

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☐ Sump ☒ Floor drain ☒ Perimeter drain ☐ Other

Describe:

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

System Installation

Installation Type: Sub-Slab Depressurization (Active) Date Installed: Sep 28, 2021

Slab Thickess (inches): >5 in.

Subslab Material: Gravel Subslab Moisture: Dry

Number of Suction Points: 5 23 Risers Total 23 Fans Total Number of Fans Installed: 5

	☒ Fan #1 Operating	☒ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):	See Table 2	See Table 2	
Fan Serial No(s):	See Table 2	See Table 2	
Final U-Tube Levels:	NA	NA	

U-Tubes are not being used to gauge pressure. Pressure readings attached.

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☒ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

The Passive SSVS was finished in December 2020 and was converted to Active in September 2021. The SSVS includes a vapor barrier membrane. Building was constructed in 2020 therefore the floors are new. Any minor cracks in the concrete have been sealed with concrete.

Communication Testing

Test Method: Micromanometer

Meter Type/Manufacturer: Infiltec Digital Micro-Manometer (Model DM1)

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
All Risers	See attached Table 3	See attached Figure 1	☒
All Pressure Ports	See attached Table 3	See attached Figure 1	☒
			☐
			☐
			☐

NORTH

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

Maps Attached (Figure 2)

Table 1

70 Nardozzi Place, New Rochelle, NY

Contractor Information

Contractor Name	SSDS Component	Telephone Number
Sentinel Systems	Vapor Barrier	862-377-0235
Village Plumbing	PVC (horizontal & vertical components)	631-750-9158
MF Electric	Fan	718-547-2400

Table 2

70 Nardozzi Place, New Rochelle, NY

System Installation - Fan Model and Serial Numbers

Riser #	Fan #	Fan Model No.	Fan Serial No.
Riser 1	Fan 1	Rn2SL	
Riser 2	Fan 2	Rn2SL	
Riser 3	Fan 3	Rn2SL	
Riser 4	Fan 4	Rn2SL	
Riser 5	Fan 5/4	Rn2SL	
Riser 6	Fan 6	Rn2SL	
Riser 7	Fan 7	Rn2SL	
Riser 8	Fan 8	Rn2SL	
Riser 9	Fan 9	Rn2EC	
Riser 10	Fan 10	Rn2SL	
Riser 11	Fan 11	Rn2SL	
Riser 12	Fan 12	Rn2SL	
Riser 13	Fan 13	Rn2EC	1006008834
Riser 14	Fan 14	Rn2SL	
Riser 15	Fan 15	Rn2SL	
Riser 16	Fan 16	Rn2EC	
Riser 17	Fan 17	Rn2SL	
Riser 18	Fan 18	Rn2SL	
Riser 19	Fan 19	Rn2SL	
Riser 20	Fan 20	Rn2SL	
Riser 21	Fan 21	Rn2SL	
Riser 22	Fan 22	Rn2SL	
Riser 23	Fan 23	Rn2SL	

Table 3

70 Nardozzi Place, New Rochelle, NY

Riser Pressure Port Pressure Summary

	12/1/2020	9/28/2021	10/13/2021		12/17/2021	2/8-10/2022	8/4/2022	10/11/2022
	hand-held	hand-held	hand-held	U-Tube[3]	hand-held	hand-held	hand-held	hand-held
Riser 1	--[1]	--[1]	--[1]	--[1]	--[1]	--[1]	--[1]	-0.450
Riser 2	--[1]	--[1]	-0.483	-0.42	-0.011	-0.490	-0.480	-0.521
Riser 3	--[1]	--[1]	0.130	0.15	0.123	0.135	0.128	-0.479
Riser 4/5	--[1]	--[1]	--[1]	--[1]	-0.527	-0.540	-0.504	--[6]
Riser 4	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	-0.576
Riser 5	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	-0.046
Riser 6	--[1]	--[1]	-0.289	--[2]	-0.324	-0.333	-0.322	-0.327
Riser 7	--[1]	--[1]	-0.28	-0.3	-0.305	-0.336	-0.315	-0.315
Riser 8	--[1]	--[1]	-0.465	-0.5	-0.456	-2.020	-0.482	-0.496
Riser 9	--[1]	--[1]	-0.413	-0.45	-0.385	-0.416	-0.410	-0.429
Riser 10	--[1]	--[1]	-0.63	--[2]	-0.667	-0.715	-0.671	-0.700
Riser 11	--[1]	--[1]	-1.96	-1.89	-2.060	-2.150	-1.975	-2.090
Riser 12	--[1]	--[1]	-1.98	-1.9	-2.020	-2.100	-1.946	-2.050
Riser 13	--[1]	--[1]	1.380	0.25	0.157	0.147	0.126	-0.962
Riser 14	--[1]	--[1]	-0.003	0.00	0.080	0.800	0.077	-0.402
Riser 15	--[1]	--[1]	0.003	0.10	0.012	0.300	0.005	-0.205
Riser 16	--[1]	--[1]	0	0	-0.004	0.059	0.062	-0.365
Riser 17	--[1]	--[1]	0.094	0.10	0.089	0.105	0.096	-0.352
Riser 18/19	--[1]	--[1]	0.258	0.20	0.245	0.183	0.255	--[6]
Riser 18	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	-0.315
Riser 19	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	--[6]	-0.323
Riser 20	--[1]	--[1]	0.125	0.15	0.115	0.120	0.117	-0.572
Riser 21	--[1]	--[1]	1.920	1.96	1.828	1.917	1.834	-0.047
Riser 22	--[1]	--[1]	0.115	0.21	0.111	0.123	0.079	-0.390
Riser 23	--[1]	--[1]	-0.518	-0.48	-0.509	-0.526	-0.521	-0.521
Pressure Port 1	0	-0.0015	0[5]	NA	-0.034	-0.042	-0.037	-0.023
Pressure Port 2	-0.001	-0.004	-0.036	NA	-0.060	-0.060	-0.066	-0.066
Pressure Port 3	--[4]	--[4]	-0.052	NA	-0.052	-0.013	-0.078	-0.077
Pressure Port 4	-0.002	-0.0045	-0.072	NA	-0.070	-0.057	-0.102	-0.089
Pressure Port 5	-0.002	-0.005	-0.048	NA	-0.053	-0.098	-0.079	-0.077

Minimum negative pressure required = -0.002 (in-H20)

NA: Not Applicable

[1] U-Tube manometer and sampling port not installed

[2] U-Tube manometer damaged

[3] U-Tube manometers were installed after the 9/28/2021 inspection. By 12/17/2021 the majority of the U-Tube manometers were damaged from being outside and exposed to the elements, therefore due to the unreliability of the U-Tube manometers, pressure readings were not collected using the U-Tube manometers after 10/13/2021.

[4] Pressure port was inaccessible

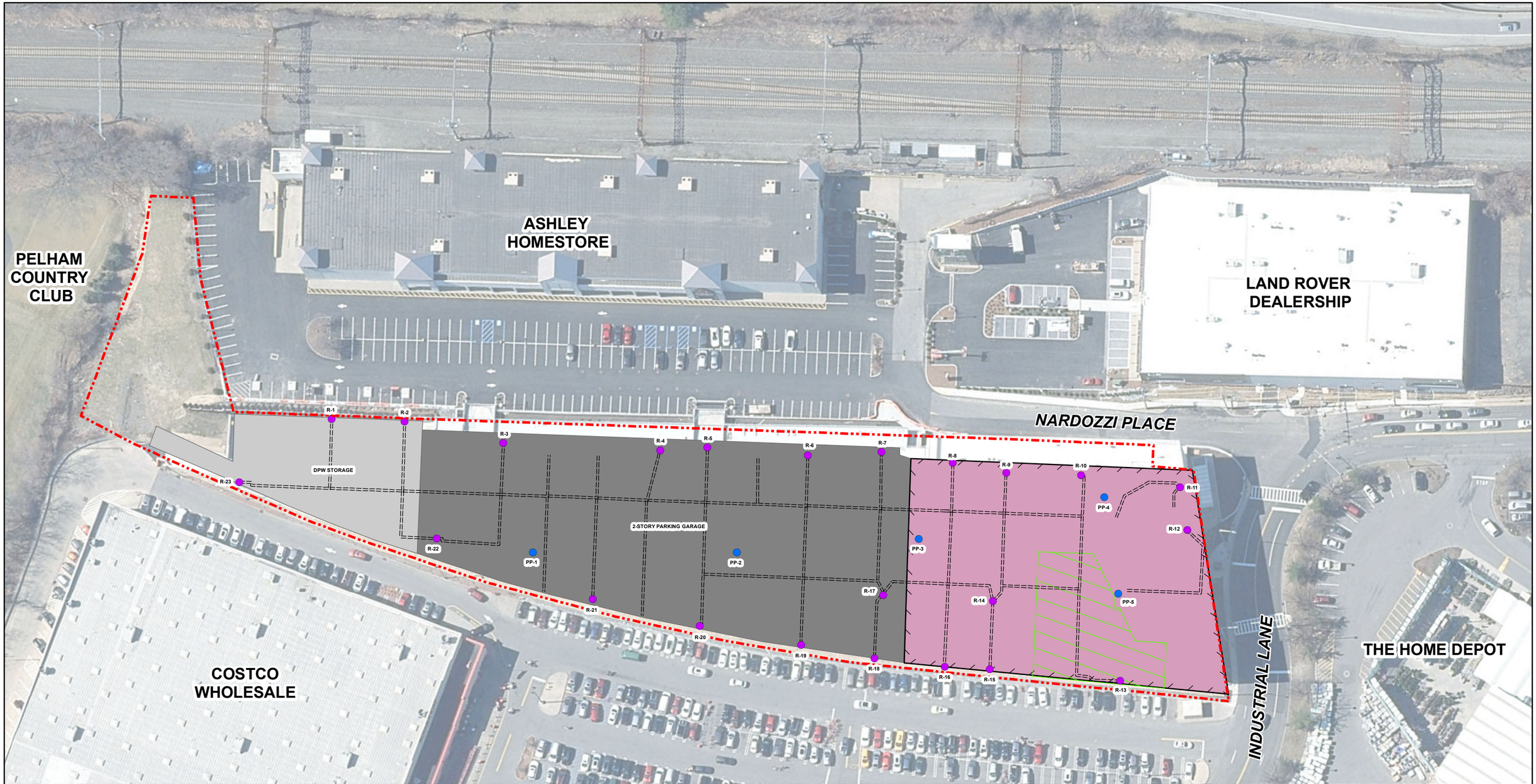
[5] Pressure port blocked or poor seal. Repaired on 12/17/2021.

[6] Individual sampling ports added to Risers 4, 5, 18, and 19 on 10/11/2022

Pressure not in acceptable range

Pressure in acceptable range

Pressure reading positive due to location of sampling port above the fan. Repaired on 10/11/2022.



Legend

- Property Boundary
- Sub-Slab Vapor System Horizontal PVC
- Risers
- Permanently Installed Slab Pressure Monitoring Port Location
- 2-Story Parking Garage
- Exterior Vehicle & Equipment Storage

Building Footprint

- Lower-Level Mezzanine Footprint
- Upper-Level Retail Footprint

N

0 40 80 160 Feet

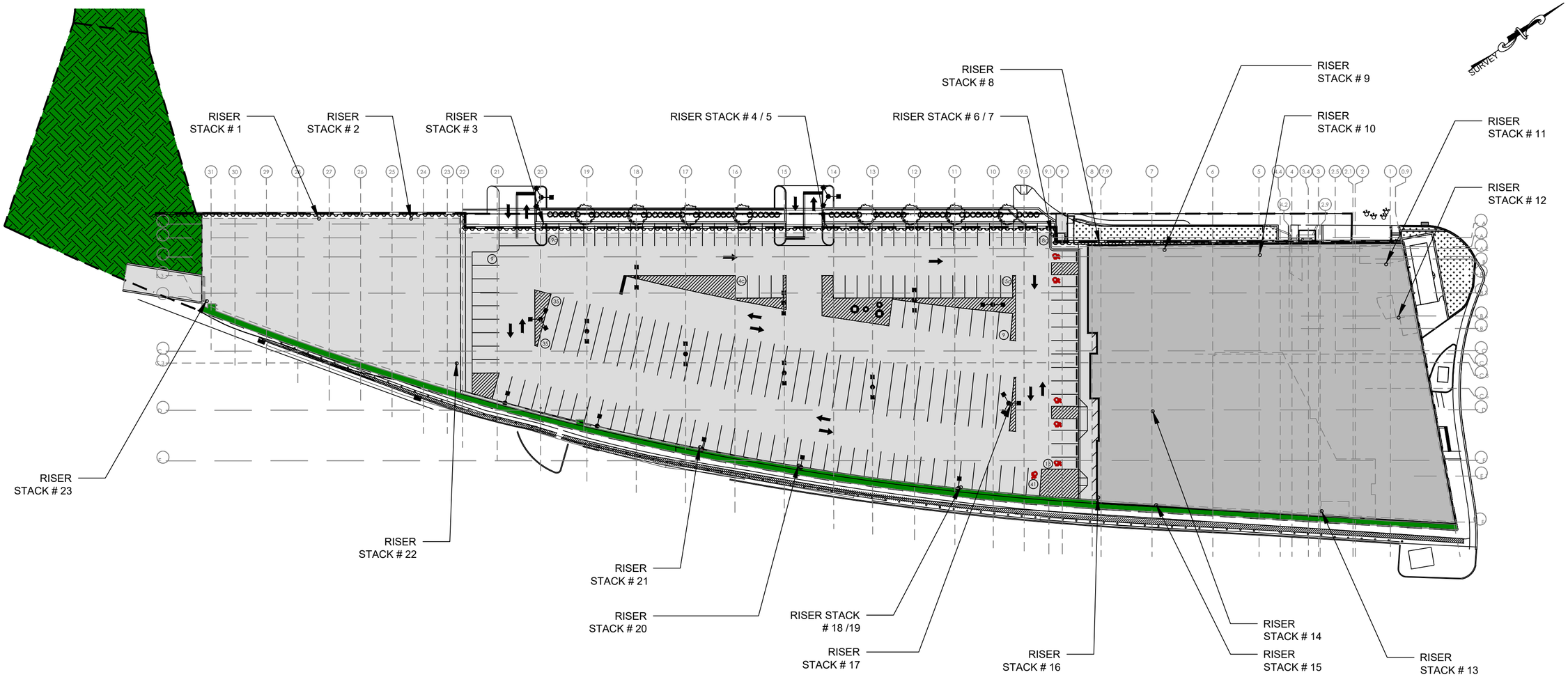
NOTES:
1. Property Boundaries are approximate.
2. Source - Based on Site Layout Plan Map dated July 14, 2015 prepared by JMC

SITE MAP

70 NARDOZZI PLACE
BLOCK 564, LOT 2
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 1/26/2023	JMS # 2015.191.004
JM SORGE, INC.	FIGURE 1

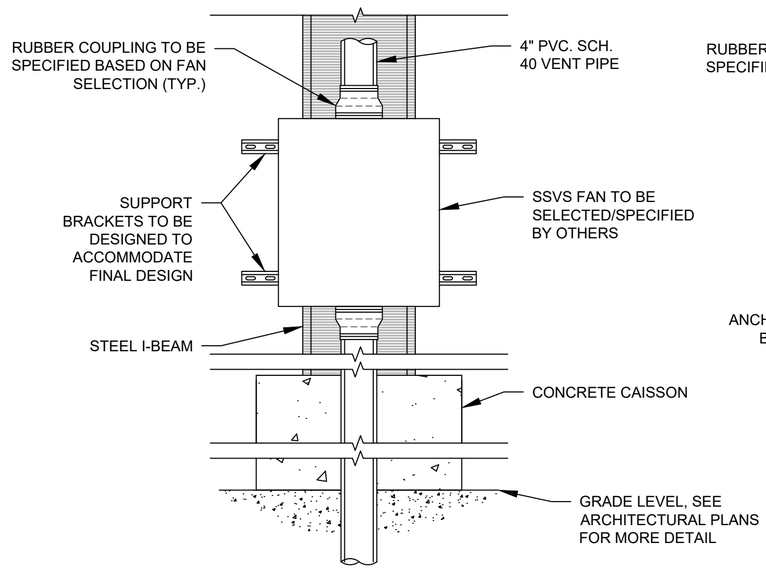


SITE PLAN
1" = 50'

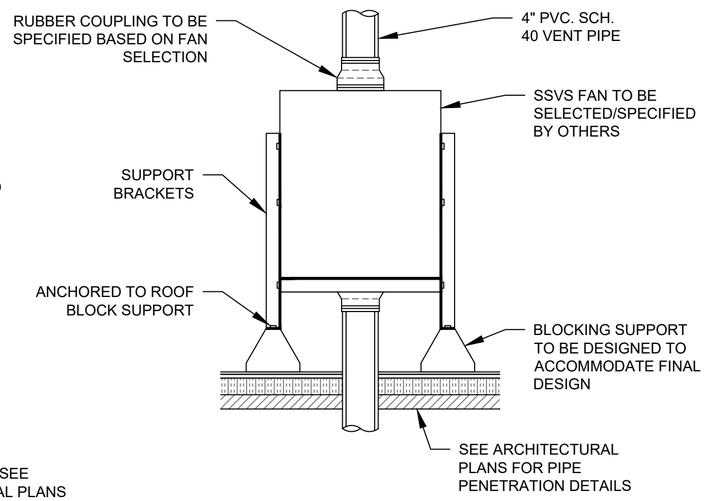
50 25 0 50
SCALE: 1"=50'

RISER STACK #	LOCATION OF BLOWER	MOUNT
1	Exterior	ON BASE
2	Exterior	ON BASE
3	Parking Level	ON BASE
4/5	Parking Level	ON BASE
6/7	Parking Level	ON BASE
8	Roof	ON BASE
9	Roof	EC FAN
10	Roof	ON BASE
11	Roof	ON BASE
12	Roof	ON BASE
13	Roof	EC FAN
14	Roof	ON BASE
15	Roof	ON BASE
16	Roof	EC FAN
17	Parking Level	ON BASE
18/19	Parking Level	ON BASE
20	Parking Level	ON BASE
21	Parking Level	ON BASE
22	Parking Level	ON BASE
23	Exterior	BEAM-MOUNTED

RISER STACK SCHEDULE



BEAM-MOUNTED RISER BLOWER



BASE MOUNTED RISER BLOWER

NOTES

1. PROPERTY BOUNDARY AND EXISTING TOPOGRAPHIC INFORMATION IS BASED ON A CERTAIN DRAWING TITLED "SURVEY OF PROPERTY SITUATE IN THE CITY OF NEW ROCHELLE WESTCHESTER COUNTY" PREPARED BY LINK LAND SURVEYORS P.C. (DATED JULY 22, 2020).
2. SEE ARCHITECTURAL PLANS FOR INTERIOR IMPROVEMENTS.
3. BLOWERS TO BE DESIGNED BY A LICENSED MECHANICAL ENGINEER OR LICENSES MASTER PLUMBER.
4. BLOWERS SHALL PROVIDE A CONSTANT NEGATIVE PRESSURE OF 0.002 WC.
5. BLOWER ENCLOSURE SHALL CONTAIN VISUAL AND AUDIO ALARM TO GO OFF IF THE SYSTEM IS NOT OPERATIONAL.



TYPICAL BASE MOUNTED RISER LOCATION

DRESDNER ROBIN
DRESDNER ROBIN - NEW YORK
1 EVERTRUST PLAZA, SUITE 901, JERSEY CITY, NJ 07302
TEL: 201.217.9200 FAX: 201.217.9607
JERSEY CITY • FAIRFIELD • ASBURY PARK • CHERRY HILL

Nº	DATE	DESCRIPTION	BY
01	04.05.2022	REVISED PER INSTALLED DATA	GRG

REVISIONS:

ENVIRONMENTAL CONSULTANT:
JM SORGE, INC.
ENVIRONMENTAL CONSULTANTS
57 FOURTH STREET
SOMERVILLE, NJ 08876
908.218.0066

APPLICANT:
G & S INVESTORS

PROJECT:
70 NARDOZZI PLACE

LOCATION:
70 NARDOZZI PLACE
SECTION 2, BLOCK 564, LOT 2
NEW ROCHELLE, NEW YORK

DRAWING NAME:
LOCATION OF RISER STACKS

DRWN BY:	CHKD BY:	DRWG Nº:
JCQ	JM	FIGURE 2
SCALE: 1" = 50'	DATE: 12.28.2020	
JOB No: 00785-008		

DUE TO INHERENT ERRORS IN REPRODUCTION METHODS, ERRORS MAY OCCUR WHEN SCALING THIS DRAWING

Q:\P80\00785-008 70Nardozzi\EGCA\00785-008 100 CKS.dwg CSK-01 4/5/2022 5:46 PM GGorrelli

ATTACHMENT B

Cap Inspection Reports

ENGINEERING CONTROL INSPECTION REPORT and MAINTENANCE LOG

Site Name and Address: 70 Nardozzi Place, New Rochelle, New York – NYSDEC Site ID #C360159

Person conducting the inspection: Date 12/24/2020

Art Untamo — Name and Title

JM Sorge, Inc — Company

Engineering Control Inspection

Name of occupant(s) and current use within the Engineering Control Area (**see attached Site Map**)

DPW/DOT, LA Fitness, Costmart Wine & Liquor

Engineering Control Type (Check all that apply) Conditions

X Bio-Retention Area [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

X Concrete / Building Slab [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: Repairs to pressure ports breaching cap

X Landscaped [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

X Drain Area [ ]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

___Other: _____ [ ]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

Do engineering controls match attached Deed Notice Map? If not describe any differences:
Yes

Describe any reports or evidence of alterations, improvements, disturbances and/or repairs observed:
Concrete around pressure ports need repair once pressure port installations are complete.

Describe any alterations, improvements, disturbances and/or repairs likely to be necessary in the future:
Concrete repairs around pressure ports.

ATTACH PHOTOGRAPHS

ENGINEERING CONTROL INSPECTION REPORT and MAINTENANCE LOG

Site Name and Address: 70 Nardozzi Place, New Rochelle, New York – NYSDEC Site ID #C360159

Was an interview conducted with on-site manager Yes _____ No X

Name and title of on-site manager _____

Comments/Interview Notes:

Vapor Intrusion Mitigation System Inspection (See Attached Map)

Is a Vapor Intrusion Mitigation System Present? Yes X No _____

If so, describe system components:

The SSVS system consists of perforated PVC in a layer of 8-inches of gravel and covered with a 20-mil vapor barrier and a minimum of 12-inches of concrete. Perforated PVC are connected to risers. Pressure ports are present to monitor the system effectiveness in areas that have the worst pressure differential.

Are the system components intact and operating as intended? Describe conditions and attach photographs

Pressure ports are being installed. All other components are intact. Pressure differential is not adequate.

Are any repairs necessary?

Concrete around pressure ports need to be repaired. Fans may need to be installed to increase pressure differential.

Additional comments:

Date: 12/04/2020 Signature: Art Untamo

ENGINEERING CONTROL INSPECTION REPORT and MAINTENANCE LOG

Site Name and Address: _70 Nardozzi Place, New Rochelle, New York – NYSDEC Site ID #C360159__

Person conducting the inspection: Date__09/28/2021_____

Art Untamo
Name and Title

JM Sorge, Inc
Company

Engineering Control Inspection

Name of occupant(s) and current use within the Engineering Control Area (**see attached Site Map**)

DPW/DOT, LA Fitness, Costmart Wine & Liquor

Engineering Control Type (Check all that apply) Conditions

_X_Bio-Retention Area [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

_X_Concrete / Building Slab [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

_X_Landscaped [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

_X_Drain Area [ ]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

___Other: _____ [ ]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

Do engineering controls match attached Deed Notice Map? If not describe any differences:
Yes

Describe any reports or evidence of alterations, improvements, disturbances and/or repairs observed:
None

Describe any alterations, improvements, disturbances and/or repairs likely to be necessary in the future:
Fans need to finish being installed.

ATTACH PHOTOGRAPHS

ENGINEERING CONTROL INSPECTION REPORT and MAINTENANCE LOG

Site Name and Address: 70 Nardozzi Place, New Rochelle, New York – NYSDEC Site ID #C360159

Was an interview conducted with on-site manager Yes _____ No X

Name and title of on-site manager _____

Comments/Interview Notes:

Vapor Intrusion Mitigation System Inspection (See Attached Map)

Is a Vapor Intrusion Mitigation System Present? Yes X No _____

If so, describe system components:

The SSVS system consists of perforated PVC in a layer of 8-inches of gravel and covered with a 20-mil vapor barrier and a minimum of 12-inches of concrete. Perforated PVC are connected to risers with fans. Pressure ports are present to monitor the system effectiveness in areas that have the worst pressure differential.

Are the system components intact and operating as intended? Describe conditions and attach photographs

Majority of fans are installed, but some are still missing.

Are any repairs necessary?

Additional comments:

Date: 09/28/2021 Signature: Art Untamo

ENGINEERING CONTROL INSPECTION REPORT and MAINTENANCE LOG

Site Name and Address: _70 Nardozzi Place, New Rochelle, New York – NYSDEC Site ID #C360159__

Person conducting the inspection: Date__02/08/2022_____

Art Untamo
Name and Title

JM Sorge, Inc
Company

Engineering Control Inspection

Name of occupant(s) and current use within the Engineering Control Area (**see attached Site Map**)

DPW/DOT, LA Fitness, Costmart Wine & Liquor

Engineering Control Type (Check all that apply) Conditions

_X_Bio-Retention Area [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

_X_Concrete / Building Slab [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

_X_Landscaped [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

_X_Drain Area [ ]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

___Other: _____ [ ]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

Do engineering controls match attached Deed Notice Map? If not describe any differences:
Yes

Describe any reports or evidence of alterations, improvements, disturbances and/or repairs observed:
None

Describe any alterations, improvements, disturbances and/or repairs likely to be necessary in the future:
None

ATTACH PHOTOGRAPHS

ENGINEERING CONTROL INSPECTION REPORT and MAINTENANCE LOG

Site Name and Address: 70 Nardozzi Place, New Rochelle, New York – NYSDEC Site ID #C360159

Was an interview conducted with on-site manager Yes _____ No X

Name and title of on-site manager _____

Comments/Interview Notes:

Vapor Intrusion Mitigation System Inspection (See Attached Map)

Is a Vapor Intrusion Mitigation System Present? Yes X No _____

If so, describe system components:

The SSVS system consists of perforated PVC in a layer of 8-inches of gravel and covered with a 20-mil vapor barrier and a minimum of 12-inches of concrete. Perforated PVC are connected to risers with fans. Pressure ports are present to monitor the system effectiveness in areas that have the worst pressure differential.

Are the system components intact and operating as intended? Describe conditions and attach photographs

U-Tube Manomoeters are not functioning; not weather proof.

Are any repairs necessary?

Additional comments:

Date: 02/08/2022 Signature: Art Untamo

ENGINEERING CONTROL INSPECTION REPORT and MAINTENANCE LOG

Site Name and Address: _70 Nardozzi Place, New Rochelle, New York – NYSDEC Site ID #C360159__

Person conducting the inspection: Date__8/4/2022_____

_Art Untamo_____ JM Sorge_____
Name and Title Company

Engineering Control Inspection

Name of occupant(s) and current use within the Engineering Control Area (**see attached Site Map**)
__New Rochelle DPW and Retail Spaces (LA Fitness & Costmart Wine & Liquor)_____

_____

Engineering Control Type (Check all that apply) Conditions

_X_Bio-Retention Area [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

_X_Concrete / Building Slab [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

_X_Landscaped [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

_X_Drain Area [X]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

___Other: _____ [ ]–Maintained [ ]-Needs Repair [ ]-Contamination is exposed.

Notes: _____

Do engineering controls match attached Deed Notice Map? If not describe any differences:
Yes.

Describe any reports or evidence of alterations, improvements, disturbances and/or repairs observed:
None.

Describe any alterations, improvements, disturbances and/or repairs likely to be necessary in the future:
None.

ATTACH PHOTOGRAPHS

ENGINEERING CONTROL INSPECTION REPORT and MAINTENANCE LOG

Site Name and Address: 70 Nardozzi Place, New Rochelle, New York – NYSDEC Site ID #C360159

Was an interview conducted with on-site manager Yes _____ No X

Name and title of on-site manager _____

Comments/Interview Notes:

Vapor Intrusion Mitigation System Inspection (See Attached Map)

Is a Vapor Intrusion Mitigation System Present? Yes X No _____

If so, describe system components:

The SSVS system consists of perforated PVC in a layer of 8-inches of gravel and covered with a 20-mil vapor barrier and a minimum of 12-inches of concrete. Perforated PVC are connected to risers. Pressure ports are present to monitor the system effectiveness in areas that have the worst pressure differential.

Are the system components intact and operating as intended? Describe conditions and attach photographs

U-Tube Manomoeters are not functioning; not weather proof. Select Risers have positive pressure readings due to the location of the sampling port above the fan.

Are any repairs necessary?

Move sampling ports below the fans.

Additional comments:

Date: 8/4/2022 Signature: Art Untamo

	Date Taken: December 2020
Direction Facing: North **Description:** Concrete Cap	

	Date Taken: December 2020
Direction Facing: Northeast **Description:** Bio-Retention Area Cap	

	Date Taken: December 2020
Direction Facing: Southwest **Description:** Concrete Cap	

	Date Taken: December 2020
Direction Facing: Southwest **Description:** Concrete and Drain Area Cap	

	Date Taken: September 2021
Direction Facing: Southwest	
Description: Concrete Cap	

	Date Taken: September 2021
Direction Facing: Southwest	
Description: Landscape Cap	

	Date Taken: September 2021
Direction Facing: Southwest **Description:** Landscape Cap	

	Date Taken: September 2021
Direction Facing: Northeast **Description:** Bio-Retention Area Cap	

	Date Taken: February 2022
Direction Facing: Northwest **Description:** Concrete Cap	

	Date Taken: February 2022
Direction Facing: Northwest **Description:** Concrete and Drain Cap	

	Date Taken: February 2022
Direction Facing: East **Description:** Concrete Cap	

	Date Taken: February 2022
Direction Facing: Southeast **Description:** Concrete Cap & SSVS Riser	

	Date Taken: August 2022
Direction Facing: South **Description:** Concrete Cap	

	Date Taken: August 2022
Direction Facing: South **Description:** Landscape Cap	

	Date Taken: August 2022
Direction Facing: South **Description:** Concrete Cap	

	Date Taken: August 2022
Direction Facing: South **Description:** Sloped Landscaped Cap	

ATTACHMENT C

SVSS Inspection Reports

Sub Slab Ventilation System Monitoring and Inspection Form

70 Nardozzi Place, New Rochelle, New York

Date: 10/13/2021

Weather: 63 F - cloudy

Inspector/Company: C. Ward- JM Sorge & J. Quintana- Dresdner Robin

Equipment: Hand-held manometer

Location	Measurement (in WC*)
Pressure Port 1	0.000
Pressure Port 2	-0.036
Pressure Port 3	-0.052
Pressure Port 4	-0.072
Pressure Port 5	-0.048

*in WC – inches of Water Column

Minimum acceptable pressure is -0.002 in WC

Location	Pressure (+ or -)	Location	Pressure (+ or -)
Riser 1		Riser 13	1.38
Riser 2	-0.483	Riser 14	-0.003
Riser 3	0.13	Riser 15	0.003
Riser 4		Riser 16	0.000
Riser 5		Riser 17	0.094
Riser 6	-0.289	Riser 18	0.258
Riser 7	-0.280	Riser 19	
Riser 8	-0.465	Riser 20	0.125
Riser 9	-0.413	Riser 21	1.92
Riser 10	-0.630	Riser 22	0.115
Riser 11	-1.96	Riser 23	-0.518
Riser 12	-1.98		

Odors noted: Earthy smell coming from stacks.

Condition of risers:

Riser 12 is cracked. Sampling ports & U-Tubes missing from risers 1, 4, & 5. Tube missing from U-Tube on riser 6.

U-Tube missing from riser 10. Fan missing from riser 16.

Condition of pressure ports:

Extra pressure port installed. Should be removed. Pressure port 1 not reading negative pressure.

Condition of cap:

Ok. Minor cracks observed in concrete.

Describe any reports or evidence of alterations, improvements, disturbances and/or repairs observed:

Describe any alterations, improvements, disturbances and/or repairs likely to be necessary in the future:

Sampling ports installed above fans for risers: 3, 13, 14, 15, 17, 18, 19, 20, 21, & 22 (pressures reading positive).

Riser 14 sucking in air not blowing air out. Missing bracket on riser 20 securing it to the wall.

Additional Notes:

Sub Slab Ventilation System Monitoring and Inspection Form

70 Nardozzi Place, New Rochelle, New York

Date: 12/17/2021

Weather: 58 F - clear

Inspector/Company: C. Ward & A. Untamo - JM Sorge

Equipment: Hand-held manometer

Location	Measurement (in WC*)
Pressure Port 1	-0.034
Pressure Port 2	-0.060
Pressure Port 3	-0.052
Pressure Port 4	-0.070
Pressure Port 5	-0.053

*in WC – inches of Water Column

Minimum acceptable pressure is -0.002 in WC

Location	Pressure (+ or -)	Location	Pressure (+ or -)
Riser 1		Riser 13	0.157
Riser 2	-0.011	Riser 14	0.080
Riser 3	0.123	Riser 15	0.012
Riser 4		Riser 16	-0.004
Riser 5	- 0.527	Riser 17	0.089
Riser 6	-0.324	Riser 18	
Riser 7	-0.305	Riser 19	0.245
Riser 8	-0.456	Riser 20	0.115
Riser 9	-0.385	Riser 21	1.828
Riser 10	-0.667	Riser 22	0.111
Riser 11	-2.06	Riser 23	-0.509
Riser 12	-2.02		

Odors noted: Earthy smell coming from stacks.

Condition of risers:

Ok condition.

Riser 1 is missing a port & U-Tube manometer.

Condition of pressure ports:

Ok condition.

Condition of cap:

Ok. Minor cracks observed in concrete.

Describe any reports or evidence of alterations, improvements, disturbances and/or repairs observed:

Riser 4/5 had a port & U-Tube manometer installed. Riser 10 has a U-Tube manometer installed. Riser 12 has a crack that is now fixed. Riser 14 had an inaccurate readings previously - fan was not turned on.

Describe any alterations, improvements, disturbances and/or repairs likely to be necessary in the future:

U-Tubes are damaged that are located outside (risers: 2, 3, 4/5, 13, 14, 15, 16, 17, 18/19, 20, 21, 22, & 23). Riser fan 16 not hooked up to power. Riser 6 is missing a tube for U-Tube manometer. Riser 1 missing a port and U-Tube manometer. Annular space around pressure port 1 tubing was sealed to improve pressure readings.

Sampling ports installed above fans for risers: 3, 13, 14, 15, 16, 17, 18, 19, 20, 21, & 22 (pressures reading positive).

Additional Notes:

Sub Slab Ventilation System Monitoring and Inspection Form

70 Nardozzi Place, New Rochelle, New York

Date: 02/08-10/2022

Weather: 36 F - cloudy

Inspector/Company: C. Ward & A. Untamo - JM Sorge

Equipment: Hand-held manometer

Location	Measurement (in WC*)
Pressure Port 1	-0.042
Pressure Port 2	-0.060
Pressure Port 3	-0.013
Pressure Port 4	-0.057
Pressure Port 5	-0.980

*in WC – inches of Water Column

Minimum acceptable pressure is -0.002 in WC

Location	Pressure (+ or -)	Location	Pressure (+ or -)
Riser 1		Riser 13	0.147
Riser 2	-0.490	Riser 14	0.800
Riser 3	0.135	Riser 15	0.300
Riser 4		Riser 16	0.059
Riser 5	- 0.540	Riser 17	0.105
Riser 6	-0.333	Riser 18	
Riser 7	-0.336	Riser 19	0.183
Riser 8	-2.020	Riser 20	0.120
Riser 9	-0.416	Riser 21	1.917
Riser 10	-0.715	Riser 22	0.123
Riser 11	-2.15	Riser 23	-0.526
Riser 12	-2.10		

Odors noted: Earthy smell coming from stacks.

Condition of risers:

Ok condition.

Riser 1 is missing a port & U-Tube manometer.

Condition of pressure ports:

Ok condition.

Condition of cap:

Ok. Minor cracks observed in concrete.

Describe any reports or evidence of alterations, improvements, disturbances and/or repairs observed:

Riser 16 had an inaccurate readings previously - fan was not turned on.

Describe any alterations, improvements, disturbances and/or repairs likely to be necessary in the future:

U-Tubes are damaged that are located outside (risers: 2, 3, 4/5, 13, 14, 15, 16, 17, 18/19, 20, 21, 22, & 23). Riser fan 16 not hooked up to power. Riser 1 missing a port and U-Tube manometer.

Sampling ports installed above fans for risers: 3, 13, 14, 15, 16, 17, 18, 19, 20, 21, & 22 (pressures reading positive).

Additional Notes:

Sub Slab Ventilation System Monitoring and Inspection Form

70 Nardozzi Place, New Rochelle, New York

Date: 8/4/2022

Weather: 80 F - clear

Inspector/Company: A. Untamo / JM Sorge

Equipment: Hand-held manometer

Location	Measurement (in WC*)
Pressure Port 1	-0.037
Pressure Port 2	-0.066
Pressure Port 3	-0.078
Pressure Port 4	-0.102
Pressure Port 5	-0.079

*in WC – inches of Water Column

Minimum acceptable pressure is -0.002 in WC

Location	Pressure (+ or -)	Location	Pressure (+ or -)
Riser 1	Port Missing	Riser 13	0.126
Riser 2	-0.480	Riser 14	0.077
Riser 3	0.128	Riser 15	0.005
Riser 4	0.504	Riser 16	0.062
Riser 5		Riser 17	0.096
Riser 6	-0.322	Riser 18	0.255
Riser 7	-0.315	Riser 19	
Riser 8	-0.482	Riser 20	0.117
Riser 9	-0.410	Riser 21	1.834
Riser 10	-0.671	Riser 22	0.079
Riser 11	-1.975	Riser 23	-0.521
Riser 12	-1.946		

Odors noted: None

Condition of risers:

Ok condition.

Condition of pressure ports:

Ok condition.

Condition of cap:

Describe any reports or evidence of alterations, improvements, disturbances and/or repairs observed:

Describe any alterations, improvements, disturbances and/or repairs likely to be necessary in the future:

U-Tubes are damaged that are located outside (risers: 2, 3, 4/5, 13, 14, 15, 16, 17, 18/19, 20, 21, 22, & 23).

Riser 1 missing a port and U-Tube manometer.

Sampling ports installed above fans for risers: 3, 4, 5, 13, 14, 15, 16, 17, 18, 19, 20, 21, & 22 (pressures reading positive).

Additional Notes:

Sub Slab Ventilation System Monitoring and Inspection Form

70 Nardozzi Place, New Rochelle, New York

Date: 10/11/2022

Weather: Clear

Inspector/Company: A. Untamo / Verdantas (formerly JM Sorge)

Equipment: Hand-held manometer (DM1 Micro-Manometer)

Location	Measurement (in WC*)
Pressure Port 1	-0.023
Pressure Port 2	-0.066
Pressure Port 3	-0.077
Pressure Port 4	-0.089
Pressure Port 5	-0.077

*in WC – inches of Water Column

Minimum acceptable pressure is -0.002 in WC

Location	Pressure (+ or -)	Location	Pressure (+ or -)
Riser 1	-0.450	Riser 13	-0.962
Riser 2	-0.521	Riser 14	-0.402
Riser 3	-0.479	Riser 15	-0.205
Riser 4	-0.576	Riser 16	-0.365
Riser 5	-0.046	Riser 17	-0.352
Riser 6	-0.327	Riser 18	-0.315
Riser 7	-0.315	Riser 19	-0.323
Riser 8	-0.496	Riser 20	-0.572
Riser 9	-0.429	Riser 21	-0.047
Riser 10	-0.700	Riser 22	-0.390
Riser 11	-2.09	Riser 23	-0.521
Riser 12	-2.05		

Odors noted: None

Condition of risers:

Ok condition.

Condition of pressure ports:

Ok condition.

Condition of cap:

Describe any reports or evidence of alterations, improvements, disturbances and/or repairs observed:

Sampling port was installed on Riser 1. Sampling ports were moved below the fans for risers: 3, 4, 5, 13, 14, 15, 16, 17, 18, 19, 20, 21, & 22. Risers 4&5 and 18&19 previously shared a sampling port, but when ports were moved below the fans, each riser received its own sampling port.

Describe any alterations, improvements, disturbances and/or repairs likely to be necessary in the future:

U-Tubes are damaged that are located outside (risers: 2, 3, 4/5, 13, 14, 15, 16, 17, 18/19, 20, 21, 22, & 23).

Additional Notes:

ATTACHMENT D

Lab Reports, DUSRs, EDD Submissions

ANALYTICAL REPORT

Lab Number:	L2206518
Client:	JM Sorge, Inc. Environmental Consultants 57 Fourth Street Somerville, NJ 08876
ATTN:	Cassandra Ward
Phone:	(908) 218-0066
Project Name:	NARDOZZI
Project Number:	2015.191
Report Date:	02/24/22

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2206518-01	R-12	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 07:44	02/08/22
L2206518-02	R-12-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 10:51	02/08/22
L2206518-03	R-11	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 09:24	02/08/22
L2206518-04	R-11-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 12:47	02/08/22
L2206518-05	PP-5	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 09:45	02/08/22
L2206518-06	PP-5-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 11:18	02/08/22
L2206518-07	PP-4	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 10:00	02/08/22
L2206518-08	PP-4-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 11:38	02/08/22
L2206518-09	R-10	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 12:02	02/08/22
L2206518-10	R-10-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 12:25	02/08/22
L2206518-11	R-9	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 12:42	02/08/22
L2206518-12	R-9-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 12:59	02/08/22
L2206518-13	R-8	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 13:11	02/08/22
L2206518-14	R-8-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 13:33	02/08/22
L2206518-15	PP-3	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 13:37	02/08/22
L2206518-16	PP-3-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 13:58	02/08/22
L2206518-17	R-7	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 13:56	02/08/22
L2206518-18	R-7-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 14:16	02/08/22
L2206518-19	R-6	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 14:30	02/08/22
L2206518-20	R-6-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/08/22 14:44	02/08/22

Project Name:	NARDOZZI	**Lab Number:**	L2206518
Project Number:	2015.191	**Report Date:**	02/24/22

Case Narrative

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

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

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

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

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

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

Project Name: NARDOZZI **Lab Number:** L2206518
Project Number: 2015.191 **Report Date:** 02/24/22

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 7, 2022. The canister certification results are provided as an addendum.

Sample Receipt

The flow controller ID number for the sample designated R-6 (L2206518-19) is listed on the CoC as 07162 but should be 01762.

Volatile Organics in Air

L2206518-01D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2206518-01D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2206518--01D, -03D, -05D, -07D, -09D, -11D, -13D, -15D, -17D, and -19D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2206518-02, -06, -08, -10, -12, -16, -18, and -20: The samples were analyzed with the method required holding time exceeded.

The WG1607441-3 LCS recovery for 1,1,2,2-tetrachloroethane (140%) is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

R-8-H2S (L2206518-14): Due to instrumental error results for this sample cannot be reported.

Air

L2206518-01D, -03D, -05D, -07D, -09D, -11D, -13D, -15D, -17D and -19D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of

Project Name:	NARDOZZI	**Lab Number:**	L2206518
Project Number:	2015.191	**Report Date:**	02/24/22

Case Narrative (continued)

the samples. The reporting limits have been elevated accordingly.

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

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 02/24/22

AIR

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-01 D
Client ID: R-12
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 07:44
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/21/22 23:43
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.736	--	ND	3.64	--		3.679
Chloromethane	2.04	0.736	--	4.21	1.52	--		3.679
Freon-114	ND	0.736	--	ND	5.14	--		3.679
Vinyl chloride	ND	0.736	--	ND	1.88	--		3.679
1,3-Butadiene	ND	0.736	--	ND	1.63	--		3.679
Bromomethane	ND	0.736	--	ND	2.86	--		3.679
Chloroethane	ND	0.736	--	ND	1.94	--		3.679
Ethanol	34.2	18.4	--	64.4	34.7	--		3.679
Vinyl bromide	ND	0.736	--	ND	3.22	--		3.679
Acetone	2080	3.68	--	4940	8.74	--	E	3.679
Trichlorofluoromethane	ND	0.736	--	ND	4.14	--		3.679
Isopropanol	4.99	1.84	--	12.3	4.52	--		3.679
1,1-Dichloroethene	ND	0.736	--	ND	2.92	--		3.679
Tertiary butyl Alcohol	ND	1.84	--	ND	5.58	--		3.679
Methylene chloride	ND	1.84	--	ND	6.39	--		3.679
3-Chloropropene	ND	0.736	--	ND	2.30	--		3.679
Carbon disulfide	2.17	0.736	--	6.76	2.29	--		3.679
Freon-113	ND	0.736	--	ND	5.64	--		3.679
trans-1,2-Dichloroethene	ND	0.736	--	ND	2.92	--		3.679
1,1-Dichloroethane	ND	0.736	--	ND	2.98	--		3.679
Methyl tert butyl ether	ND	0.736	--	ND	2.65	--		3.679
2-Butanone	2180	1.84	--	6430	5.43	--	E	3.679
cis-1,2-Dichloroethene	ND	0.736	--	ND	2.92	--		3.679

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-01 D
Client ID: R-12
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 07:44
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.84	--	ND	6.63	--		3.679
Chloroform	ND	0.736	--	ND	3.59	--		3.679
Tetrahydrofuran	3500	1.84	--	10300	5.43	--	E	3.679
1,2-Dichloroethane	ND	0.736	--	ND	2.98	--		3.679
n-Hexane	1.31	0.736	--	4.62	2.59	--		3.679
1,1,1-Trichloroethane	ND	0.736	--	ND	4.02	--		3.679
Benzene	ND	0.736	--	ND	2.35	--		3.679
Carbon tetrachloride	ND	0.736	--	ND	4.63	--		3.679
Cyclohexane	1.63	0.736	--	5.61	2.53	--		3.679
1,2-Dichloropropane	ND	0.736	--	ND	3.40	--		3.679
Bromodichloromethane	ND	0.736	--	ND	4.93	--		3.679
1,4-Dioxane	ND	0.736	--	ND	2.65	--		3.679
Trichloroethene	ND	0.736	--	ND	3.96	--		3.679
2,2,4-Trimethylpentane	ND	0.736	--	ND	3.44	--		3.679
Heptane	0.942	0.736	--	3.86	3.02	--		3.679
cis-1,3-Dichloropropene	ND	0.736	--	ND	3.34	--		3.679
4-Methyl-2-pentanone	ND	1.84	--	ND	7.54	--		3.679
trans-1,3-Dichloropropene	ND	0.736	--	ND	3.34	--		3.679
1,1,2-Trichloroethane	ND	0.736	--	ND	4.02	--		3.679
Toluene	1.29	0.736	--	4.86	2.77	--		3.679
2-Hexanone	ND	0.736	--	ND	3.02	--		3.679
Dibromochloromethane	ND	0.736	--	ND	6.27	--		3.679
1,2-Dibromoethane	ND	0.736	--	ND	5.66	--		3.679
Tetrachloroethene	ND	0.736	--	ND	4.99	--		3.679
Chlorobenzene	ND	0.736	--	ND	3.39	--		3.679
Ethylbenzene	ND	0.736	--	ND	3.20	--		3.679

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-01 D
Client ID: R-12
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 07:44
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	1.47	--	ND	6.39	--		3.679
Bromoform	ND	0.736	--	ND	7.61	--		3.679
Styrene	ND	0.736	--	ND	3.13	--		3.679
1,1,2,2-Tetrachloroethane	ND	0.736	--	ND	5.05	--		3.679
o-Xylene	ND	0.736	--	ND	3.20	--		3.679
4-Ethyltoluene	ND	0.736	--	ND	3.62	--		3.679
1,3,5-Trimethylbenzene	ND	0.736	--	ND	3.62	--		3.679
1,2,4-Trimethylbenzene	ND	0.736	--	ND	3.62	--		3.679
Benzyl chloride	ND	0.736	--	ND	3.81	--		3.679
1,3-Dichlorobenzene	ND	0.736	--	ND	4.43	--		3.679
1,4-Dichlorobenzene	ND	0.736	--	ND	4.43	--		3.679
1,2-Dichlorobenzene	ND	0.736	--	ND	4.43	--		3.679
1,2,4-Trichlorobenzene	ND	0.736	--	ND	5.46	--		3.679
Hexachlorobutadiene	ND	0.736	--	ND	7.85	--		3.679

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	100		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-01 D2
Client ID: R-12
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 07:44
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 09:38
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acetone	2030	71.4	--	4820	170	--		71.43
2-Butanone	2350	35.7	--	6930	105	--		71.43
Tetrahydrofuran	4540	35.7	--	13400	105	--		71.43

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	99		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-02
Client ID: R-12-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 10:51
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 11:48
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	82		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	78		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-03 D
Client ID: R-11
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 09:24
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 00:22
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.492	0.407	--	2.43	2.01	--		2.035
Chloromethane	0.773	0.407	--	1.60	0.840	--		2.035
Freon-114	ND	0.407	--	ND	2.84	--		2.035
Vinyl chloride	ND	0.407	--	ND	1.04	--		2.035
1,3-Butadiene	ND	0.407	--	ND	0.900	--		2.035
Bromomethane	ND	0.407	--	ND	1.58	--		2.035
Chloroethane	ND	0.407	--	ND	1.07	--		2.035
Ethanol	32.4	10.2	--	61.0	19.2	--		2.035
Vinyl bromide	ND	0.407	--	ND	1.78	--		2.035
Acetone	15.1	2.04	--	35.9	4.85	--		2.035
Trichlorofluoromethane	ND	0.407	--	ND	2.29	--		2.035
Isopropanol	3.04	1.02	--	7.47	2.51	--		2.035
1,1-Dichloroethene	ND	0.407	--	ND	1.61	--		2.035
Tertiary butyl Alcohol	ND	1.02	--	ND	3.09	--		2.035
Methylene chloride	ND	1.02	--	ND	3.54	--		2.035
3-Chloropropene	ND	0.407	--	ND	1.27	--		2.035
Carbon disulfide	ND	0.407	--	ND	1.27	--		2.035
Freon-113	ND	0.407	--	ND	3.12	--		2.035
trans-1,2-Dichloroethene	ND	0.407	--	ND	1.61	--		2.035
1,1-Dichloroethane	ND	0.407	--	ND	1.65	--		2.035
Methyl tert butyl ether	ND	0.407	--	ND	1.47	--		2.035
2-Butanone	13.6	1.02	--	40.1	3.01	--		2.035
cis-1,2-Dichloroethene	ND	0.407	--	ND	1.61	--		2.035

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-03 D
Client ID: R-11
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 09:24
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.02	--	ND	3.68	--		2.035
Chloroform	ND	0.407	--	ND	1.99	--		2.035
Tetrahydrofuran	54.9	1.02	--	162	3.01	--		2.035
1,2-Dichloroethane	ND	0.407	--	ND	1.65	--		2.035
n-Hexane	0.751	0.407	--	2.65	1.43	--		2.035
1,1,1-Trichloroethane	ND	0.407	--	ND	2.22	--		2.035
Benzene	0.730	0.407	--	2.33	1.30	--		2.035
Carbon tetrachloride	ND	0.407	--	ND	2.56	--		2.035
Cyclohexane	ND	0.407	--	ND	1.40	--		2.035
1,2-Dichloropropane	ND	0.407	--	ND	1.88	--		2.035
Bromodichloromethane	ND	0.407	--	ND	2.73	--		2.035
1,4-Dioxane	ND	0.407	--	ND	1.47	--		2.035
Trichloroethene	ND	0.407	--	ND	2.19	--		2.035
2,2,4-Trimethylpentane	1.19	0.407	--	5.56	1.90	--		2.035
Heptane	1.99	0.407	--	8.16	1.67	--		2.035
cis-1,3-Dichloropropene	ND	0.407	--	ND	1.85	--		2.035
4-Methyl-2-pentanone	ND	1.02	--	ND	4.18	--		2.035
trans-1,3-Dichloropropene	ND	0.407	--	ND	1.85	--		2.035
1,1,2-Trichloroethane	ND	0.407	--	ND	2.22	--		2.035
Toluene	3.96	0.407	--	14.9	1.53	--		2.035
2-Hexanone	ND	0.407	--	ND	1.67	--		2.035
Dibromochloromethane	ND	0.407	--	ND	3.47	--		2.035
1,2-Dibromoethane	ND	0.407	--	ND	3.13	--		2.035
Tetrachloroethene	ND	0.407	--	ND	2.76	--		2.035
Chlorobenzene	ND	0.407	--	ND	1.87	--		2.035
Ethylbenzene	0.973	0.407	--	4.23	1.77	--		2.035

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-03 D
Client ID: R-11
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 09:24
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.69	0.814	--	16.0	3.54	--		2.035
Bromoform	ND	0.407	--	ND	4.21	--		2.035
Styrene	ND	0.407	--	ND	1.73	--		2.035
1,1,2,2-Tetrachloroethane	ND	0.407	--	ND	2.79	--		2.035
o-Xylene	1.40	0.407	--	6.08	1.77	--		2.035
4-Ethyltoluene	ND	0.407	--	ND	2.00	--		2.035
1,3,5-Trimethylbenzene	ND	0.407	--	ND	2.00	--		2.035
1,2,4-Trimethylbenzene	1.53	0.407	--	7.52	2.00	--		2.035
Benzyl chloride	ND	0.407	--	ND	2.11	--		2.035
1,3-Dichlorobenzene	ND	0.407	--	ND	2.45	--		2.035
1,4-Dichlorobenzene	ND	0.407	--	ND	2.45	--		2.035
1,2-Dichlorobenzene	ND	0.407	--	ND	2.45	--		2.035
1,2,4-Trichlorobenzene	ND	0.407	--	ND	3.02	--		2.035
Hexachlorobutadiene	ND	0.407	--	ND	4.34	--		2.035

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-04
Client ID: R-11-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:47
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 12:17
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	85		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	82		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-05 D
Client ID: PP-5
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 09:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 01:01
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.480	0.441	--	2.37	2.18	--		2.205
Chloromethane	0.707	0.441	--	1.46	0.911	--		2.205
Freon-114	ND	0.441	--	ND	3.08	--		2.205
Vinyl chloride	ND	0.441	--	ND	1.13	--		2.205
1,3-Butadiene	ND	0.441	--	ND	0.976	--		2.205
Bromomethane	ND	0.441	--	ND	1.71	--		2.205
Chloroethane	ND	0.441	--	ND	1.16	--		2.205
Ethanol	ND	11.0	--	ND	20.7	--		2.205
Vinyl bromide	ND	0.441	--	ND	1.93	--		2.205
Acetone	3.65	2.20	--	8.67	5.23	--		2.205
Trichlorofluoromethane	ND	0.441	--	ND	2.48	--		2.205
Isopropanol	ND	1.10	--	ND	2.70	--		2.205
1,1-Dichloroethene	ND	0.441	--	ND	1.75	--		2.205
Tertiary butyl Alcohol	ND	1.10	--	ND	3.33	--		2.205
Methylene chloride	ND	1.10	--	ND	3.82	--		2.205
3-Chloropropene	ND	0.441	--	ND	1.38	--		2.205
Carbon disulfide	ND	0.441	--	ND	1.37	--		2.205
Freon-113	ND	0.441	--	ND	3.38	--		2.205
trans-1,2-Dichloroethene	ND	0.441	--	ND	1.75	--		2.205
1,1-Dichloroethane	ND	0.441	--	ND	1.78	--		2.205
Methyl tert butyl ether	ND	0.441	--	ND	1.59	--		2.205
2-Butanone	ND	1.10	--	ND	3.24	--		2.205
cis-1,2-Dichloroethene	ND	0.441	--	ND	1.75	--		2.205

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-05 D
Client ID: PP-5
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 09:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.10	--	ND	3.96	--		2.205
Chloroform	ND	0.441	--	ND	2.15	--		2.205
Tetrahydrofuran	1.31	1.10	--	3.86	3.24	--		2.205
1,2-Dichloroethane	ND	0.441	--	ND	1.78	--		2.205
n-Hexane	ND	0.441	--	ND	1.55	--		2.205
1,1,1-Trichloroethane	ND	0.441	--	ND	2.41	--		2.205
Benzene	ND	0.441	--	ND	1.41	--		2.205
Carbon tetrachloride	ND	0.441	--	ND	2.77	--		2.205
Cyclohexane	ND	0.441	--	ND	1.52	--		2.205
1,2-Dichloropropane	ND	0.441	--	ND	2.04	--		2.205
Bromodichloromethane	ND	0.441	--	ND	2.95	--		2.205
1,4-Dioxane	ND	0.441	--	ND	1.59	--		2.205
Trichloroethene	ND	0.441	--	ND	2.37	--		2.205
2,2,4-Trimethylpentane	0.551	0.441	--	2.57	2.06	--		2.205
Heptane	ND	0.441	--	ND	1.81	--		2.205
cis-1,3-Dichloropropene	ND	0.441	--	ND	2.00	--		2.205
4-Methyl-2-pentanone	ND	1.10	--	ND	4.51	--		2.205
trans-1,3-Dichloropropene	ND	0.441	--	ND	2.00	--		2.205
1,1,2-Trichloroethane	ND	0.441	--	ND	2.41	--		2.205
Toluene	1.04	0.441	--	3.92	1.66	--		2.205
2-Hexanone	ND	0.441	--	ND	1.81	--		2.205
Dibromochloromethane	ND	0.441	--	ND	3.76	--		2.205
1,2-Dibromoethane	ND	0.441	--	ND	3.39	--		2.205
Tetrachloroethene	1.09	0.441	--	7.39	2.99	--		2.205
Chlorobenzene	ND	0.441	--	ND	2.03	--		2.205
Ethylbenzene	ND	0.441	--	ND	1.92	--		2.205

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-05 D
Client ID: PP-5
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 09:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.882	--	ND	3.83	--		2.205
Bromoform	ND	0.441	--	ND	4.56	--		2.205
Styrene	0.569	0.441	--	2.42	1.88	--		2.205
1,1,2,2-Tetrachloroethane	ND	0.441	--	ND	3.03	--		2.205
o-Xylene	ND	0.441	--	ND	1.92	--		2.205
4-Ethyltoluene	ND	0.441	--	ND	2.17	--		2.205
1,3,5-Trimethylbenzene	ND	0.441	--	ND	2.17	--		2.205
1,2,4-Trimethylbenzene	ND	0.441	--	ND	2.17	--		2.205
Benzyl chloride	ND	0.441	--	ND	2.28	--		2.205
1,3-Dichlorobenzene	ND	0.441	--	ND	2.65	--		2.205
1,4-Dichlorobenzene	ND	0.441	--	ND	2.65	--		2.205
1,2-Dichlorobenzene	ND	0.441	--	ND	2.65	--		2.205
1,2,4-Trichlorobenzene	ND	0.441	--	ND	3.27	--		2.205
Hexachlorobutadiene	ND	0.441	--	ND	4.70	--		2.205

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-06
Client ID: PP-5-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 11:18
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 12:46
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	105		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	97		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-07 D
Client ID: PP-4
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 10:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 01:40
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.486	0.434	--	2.40	2.15	--		2.172
Chloromethane	0.586	0.434	--	1.21	0.896	--		2.172
Freon-114	ND	0.434	--	ND	3.03	--		2.172
Vinyl chloride	ND	0.434	--	ND	1.11	--		2.172
1,3-Butadiene	ND	0.434	--	ND	0.960	--		2.172
Bromomethane	ND	0.434	--	ND	1.69	--		2.172
Chloroethane	ND	0.434	--	ND	1.15	--		2.172
Ethanol	ND	10.9	--	ND	20.5	--		2.172
Vinyl bromide	ND	0.434	--	ND	1.90	--		2.172
Acetone	4.55	2.17	--	10.8	5.15	--		2.172
Trichlorofluoromethane	ND	0.434	--	ND	2.44	--		2.172
Isopropanol	ND	1.09	--	ND	2.68	--		2.172
1,1-Dichloroethene	ND	0.434	--	ND	1.72	--		2.172
Tertiary butyl Alcohol	ND	1.09	--	ND	3.30	--		2.172
Methylene chloride	ND	1.09	--	ND	3.79	--		2.172
3-Chloropropene	ND	0.434	--	ND	1.36	--		2.172
Carbon disulfide	ND	0.434	--	ND	1.35	--		2.172
Freon-113	ND	0.434	--	ND	3.33	--		2.172
trans-1,2-Dichloroethene	ND	0.434	--	ND	1.72	--		2.172
1,1-Dichloroethane	ND	0.434	--	ND	1.76	--		2.172
Methyl tert butyl ether	ND	0.434	--	ND	1.56	--		2.172
2-Butanone	ND	1.09	--	ND	3.21	--		2.172
cis-1,2-Dichloroethene	ND	0.434	--	ND	1.72	--		2.172

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-07 D
Client ID: PP-4
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 10:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.09	--	ND	3.93	--		2.172
Chloroform	ND	0.434	--	ND	2.12	--		2.172
Tetrahydrofuran	ND	1.09	--	ND	3.21	--		2.172
1,2-Dichloroethane	ND	0.434	--	ND	1.76	--		2.172
n-Hexane	ND	0.434	--	ND	1.53	--		2.172
1,1,1-Trichloroethane	ND	0.434	--	ND	2.37	--		2.172
Benzene	ND	0.434	--	ND	1.39	--		2.172
Carbon tetrachloride	ND	0.434	--	ND	2.73	--		2.172
Cyclohexane	ND	0.434	--	ND	1.49	--		2.172
1,2-Dichloropropane	ND	0.434	--	ND	2.01	--		2.172
Bromodichloromethane	ND	0.434	--	ND	2.91	--		2.172
1,4-Dioxane	ND	0.434	--	ND	1.56	--		2.172
Trichloroethene	ND	0.434	--	ND	2.33	--		2.172
2,2,4-Trimethylpentane	ND	0.434	--	ND	2.03	--		2.172
Heptane	ND	0.434	--	ND	1.78	--		2.172
cis-1,3-Dichloropropene	ND	0.434	--	ND	1.97	--		2.172
4-Methyl-2-pentanone	ND	1.09	--	ND	4.47	--		2.172
trans-1,3-Dichloropropene	ND	0.434	--	ND	1.97	--		2.172
1,1,2-Trichloroethane	ND	0.434	--	ND	2.37	--		2.172
Toluene	1.05	0.434	--	3.96	1.64	--		2.172
2-Hexanone	ND	0.434	--	ND	1.78	--		2.172
Dibromochloromethane	ND	0.434	--	ND	3.70	--		2.172
1,2-Dibromoethane	ND	0.434	--	ND	3.34	--		2.172
Tetrachloroethene	ND	0.434	--	ND	2.94	--		2.172
Chlorobenzene	ND	0.434	--	ND	2.00	--		2.172
Ethylbenzene	ND	0.434	--	ND	1.89	--		2.172

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-07 D
Client ID: PP-4
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 10:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.869	--	ND	3.77	--		2.172
Bromoform	ND	0.434	--	ND	4.49	--		2.172
Styrene	ND	0.434	--	ND	1.85	--		2.172
1,1,2,2-Tetrachloroethane	ND	0.434	--	ND	2.98	--		2.172
o-Xylene	ND	0.434	--	ND	1.89	--		2.172
4-Ethyltoluene	ND	0.434	--	ND	2.13	--		2.172
1,3,5-Trimethylbenzene	ND	0.434	--	ND	2.13	--		2.172
1,2,4-Trimethylbenzene	ND	0.434	--	ND	2.13	--		2.172
Benzyl chloride	ND	0.434	--	ND	2.25	--		2.172
1,3-Dichlorobenzene	ND	0.434	--	ND	2.61	--		2.172
1,4-Dichlorobenzene	ND	0.434	--	ND	2.61	--		2.172
1,2-Dichlorobenzene	ND	0.434	--	ND	2.61	--		2.172
1,2,4-Trichlorobenzene	ND	0.434	--	ND	3.22	--		2.172
Hexachlorobutadiene	ND	0.434	--	ND	4.63	--		2.172

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-08
Client ID: PP-4-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 11:38
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 13:15
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	107		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	98		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-09 D
Client ID: R-10
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:02
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 02:19
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.510	0.408	--	2.52	2.02	--		2.042
Chloromethane	ND	0.408	--	ND	0.843	--		2.042
Freon-114	ND	0.408	--	ND	2.85	--		2.042
Vinyl chloride	ND	0.408	--	ND	1.04	--		2.042
1,3-Butadiene	ND	0.408	--	ND	0.903	--		2.042
Bromomethane	ND	0.408	--	ND	1.58	--		2.042
Chloroethane	ND	0.408	--	ND	1.08	--		2.042
Ethanol	ND	10.2	--	ND	19.2	--		2.042
Vinyl bromide	ND	0.408	--	ND	1.78	--		2.042
Acetone	8.46	2.04	--	20.1	4.85	--		2.042
Trichlorofluoromethane	ND	0.408	--	ND	2.29	--		2.042
Isopropanol	ND	1.02	--	ND	2.51	--		2.042
1,1-Dichloroethene	ND	0.408	--	ND	1.62	--		2.042
Tertiary butyl Alcohol	ND	1.02	--	ND	3.09	--		2.042
Methylene chloride	ND	1.02	--	ND	3.54	--		2.042
3-Chloropropene	ND	0.408	--	ND	1.28	--		2.042
Carbon disulfide	ND	0.408	--	ND	1.27	--		2.042
Freon-113	ND	0.408	--	ND	3.13	--		2.042
trans-1,2-Dichloroethene	ND	0.408	--	ND	1.62	--		2.042
1,1-Dichloroethane	ND	0.408	--	ND	1.65	--		2.042
Methyl tert butyl ether	ND	0.408	--	ND	1.47	--		2.042
2-Butanone	20.7	1.02	--	61.1	3.01	--		2.042
cis-1,2-Dichloroethene	ND	0.408	--	ND	1.62	--		2.042

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-09 D
Client ID: R-10
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:02
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.02	--	ND	3.68	--		2.042
Chloroform	ND	0.408	--	ND	1.99	--		2.042
Tetrahydrofuran	62.6	1.02	--	185	3.01	--		2.042
1,2-Dichloroethane	ND	0.408	--	ND	1.65	--		2.042
n-Hexane	ND	0.408	--	ND	1.44	--		2.042
1,1,1-Trichloroethane	ND	0.408	--	ND	2.23	--		2.042
Benzene	ND	0.408	--	ND	1.30	--		2.042
Carbon tetrachloride	ND	0.408	--	ND	2.57	--		2.042
Cyclohexane	ND	0.408	--	ND	1.40	--		2.042
1,2-Dichloropropane	ND	0.408	--	ND	1.89	--		2.042
Bromodichloromethane	ND	0.408	--	ND	2.73	--		2.042
1,4-Dioxane	ND	0.408	--	ND	1.47	--		2.042
Trichloroethene	ND	0.408	--	ND	2.19	--		2.042
2,2,4-Trimethylpentane	ND	0.408	--	ND	1.91	--		2.042
Heptane	ND	0.408	--	ND	1.67	--		2.042
cis-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--		2.042
4-Methyl-2-pentanone	ND	1.02	--	ND	4.18	--		2.042
trans-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--		2.042
1,1,2-Trichloroethane	ND	0.408	--	ND	2.23	--		2.042
Toluene	0.988	0.408	--	3.72	1.54	--		2.042
2-Hexanone	ND	0.408	--	ND	1.67	--		2.042
Dibromochloromethane	ND	0.408	--	ND	3.48	--		2.042
1,2-Dibromoethane	ND	0.408	--	ND	3.14	--		2.042
Tetrachloroethene	1.70	0.408	--	11.5	2.77	--		2.042
Chlorobenzene	ND	0.408	--	ND	1.88	--		2.042
Ethylbenzene	ND	0.408	--	ND	1.77	--		2.042

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-09 D
Client ID: R-10
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:02
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.817	--	ND	3.55	--		2.042
Bromoform	ND	0.408	--	ND	4.22	--		2.042
Styrene	ND	0.408	--	ND	1.74	--		2.042
1,1,2,2-Tetrachloroethane	ND	0.408	--	ND	2.80	--		2.042
o-Xylene	ND	0.408	--	ND	1.77	--		2.042
4-Ethyltoluene	ND	0.408	--	ND	2.01	--		2.042
1,3,5-Trimethylbenzene	ND	0.408	--	ND	2.01	--		2.042
1,2,4-Trimethylbenzene	0.600	0.408	--	2.95	2.01	--		2.042
Benzyl chloride	ND	0.408	--	ND	2.11	--		2.042
1,3-Dichlorobenzene	ND	0.408	--	ND	2.45	--		2.042
1,4-Dichlorobenzene	ND	0.408	--	ND	2.45	--		2.042
1,2-Dichlorobenzene	ND	0.408	--	ND	2.45	--		2.042
1,2,4-Trichlorobenzene	ND	0.408	--	ND	3.03	--		2.042
Hexachlorobutadiene	ND	0.408	--	ND	4.35	--		2.042

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-10
Client ID: R-10-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 13:44
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	108		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	103		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-11 D
Client ID: R-9
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:42
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 02:58
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.484	0.397	--	2.39	1.96	--		1.986
Chloromethane	0.588	0.397	--	1.21	0.820	--		1.986
Freon-114	ND	0.397	--	ND	2.77	--		1.986
Vinyl chloride	ND	0.397	--	ND	1.01	--		1.986
1,3-Butadiene	ND	0.397	--	ND	0.878	--		1.986
Bromomethane	ND	0.397	--	ND	1.54	--		1.986
Chloroethane	ND	0.397	--	ND	1.05	--		1.986
Ethanol	ND	9.93	--	ND	18.7	--		1.986
Vinyl bromide	ND	0.397	--	ND	1.74	--		1.986
Acetone	5.30	1.99	--	12.6	4.73	--		1.986
Trichlorofluoromethane	ND	0.397	--	ND	2.23	--		1.986
Isopropanol	ND	0.993	--	ND	2.44	--		1.986
1,1-Dichloroethene	ND	0.397	--	ND	1.57	--		1.986
Tertiary butyl Alcohol	ND	0.993	--	ND	3.01	--		1.986
Methylene chloride	ND	0.993	--	ND	3.45	--		1.986
3-Chloropropene	ND	0.397	--	ND	1.24	--		1.986
Carbon disulfide	ND	0.397	--	ND	1.24	--		1.986
Freon-113	ND	0.397	--	ND	3.04	--		1.986
trans-1,2-Dichloroethene	ND	0.397	--	ND	1.57	--		1.986
1,1-Dichloroethane	ND	0.397	--	ND	1.61	--		1.986
Methyl tert butyl ether	ND	0.397	--	ND	1.43	--		1.986
2-Butanone	6.78	0.993	--	20.0	2.93	--		1.986
cis-1,2-Dichloroethene	ND	0.397	--	ND	1.57	--		1.986

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-11 D
Client ID: R-9
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:42
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.993	--	ND	3.58	--		1.986
Chloroform	ND	0.397	--	ND	1.94	--		1.986
Tetrahydrofuran	18.5	0.993	--	54.6	2.93	--		1.986
1,2-Dichloroethane	ND	0.397	--	ND	1.61	--		1.986
n-Hexane	ND	0.397	--	ND	1.40	--		1.986
1,1,1-Trichloroethane	ND	0.397	--	ND	2.17	--		1.986
Benzene	0.548	0.397	--	1.75	1.27	--		1.986
Carbon tetrachloride	ND	0.397	--	ND	2.50	--		1.986
Cyclohexane	ND	0.397	--	ND	1.37	--		1.986
1,2-Dichloropropane	ND	0.397	--	ND	1.83	--		1.986
Bromodichloromethane	ND	0.397	--	ND	2.66	--		1.986
1,4-Dioxane	ND	0.397	--	ND	1.43	--		1.986
Trichloroethene	ND	0.397	--	ND	2.13	--		1.986
2,2,4-Trimethylpentane	0.488	0.397	--	2.28	1.85	--		1.986
Heptane	ND	0.397	--	ND	1.63	--		1.986
cis-1,3-Dichloropropene	ND	0.397	--	ND	1.80	--		1.986
4-Methyl-2-pentanone	ND	0.993	--	ND	4.07	--		1.986
trans-1,3-Dichloropropene	ND	0.397	--	ND	1.80	--		1.986
1,1,2-Trichloroethane	ND	0.397	--	ND	2.17	--		1.986
Toluene	2.10	0.397	--	7.91	1.50	--		1.986
2-Hexanone	ND	0.397	--	ND	1.63	--		1.986
Dibromochloromethane	ND	0.397	--	ND	3.38	--		1.986
1,2-Dibromoethane	ND	0.397	--	ND	3.05	--		1.986
Tetrachloroethene	5.70	0.397	--	38.7	2.69	--		1.986
Chlorobenzene	ND	0.397	--	ND	1.83	--		1.986
Ethylbenzene	1.55	0.397	--	6.73	1.72	--		1.986

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-11 D
Client ID: R-9
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:42
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	4.68	0.794	--	20.3	3.45	--		1.986
Bromoform	ND	0.397	--	ND	4.10	--		1.986
Styrene	ND	0.397	--	ND	1.69	--		1.986
1,1,2,2-Tetrachloroethane	ND	0.397	--	ND	2.73	--		1.986
o-Xylene	1.49	0.397	--	6.47	1.72	--		1.986
4-Ethyltoluene	ND	0.397	--	ND	1.95	--		1.986
1,3,5-Trimethylbenzene	ND	0.397	--	ND	1.95	--		1.986
1,2,4-Trimethylbenzene	0.572	0.397	--	2.81	1.95	--		1.986
Benzyl chloride	ND	0.397	--	ND	2.06	--		1.986
1,3-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,4-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,2-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,2,4-Trichlorobenzene	ND	0.397	--	ND	2.95	--		1.986
Hexachlorobutadiene	ND	0.397	--	ND	4.23	--		1.986

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-12
Client ID: R-9-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:59
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 14:14
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	95		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-13 D
Client ID: R-8
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:11
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 03:37
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.476	0.433	--	2.35	2.14	--		2.165
Chloromethane	0.522	0.433	--	1.08	0.894	--		2.165
Freon-114	ND	0.433	--	ND	3.03	--		2.165
Vinyl chloride	ND	0.433	--	ND	1.11	--		2.165
1,3-Butadiene	ND	0.433	--	ND	0.958	--		2.165
Bromomethane	ND	0.433	--	ND	1.68	--		2.165
Chloroethane	ND	0.433	--	ND	1.14	--		2.165
Ethanol	18.6	10.8	--	35.0	20.3	--		2.165
Vinyl bromide	ND	0.433	--	ND	1.89	--		2.165
Acetone	6.75	2.16	--	16.0	5.13	--		2.165
Trichlorofluoromethane	ND	0.433	--	ND	2.43	--		2.165
Isopropanol	1.84	1.08	--	4.52	2.65	--		2.165
1,1-Dichloroethene	ND	0.433	--	ND	1.72	--		2.165
Tertiary butyl Alcohol	ND	1.08	--	ND	3.27	--		2.165
Methylene chloride	ND	1.08	--	ND	3.75	--		2.165
3-Chloropropene	ND	0.433	--	ND	1.36	--		2.165
Carbon disulfide	ND	0.433	--	ND	1.35	--		2.165
Freon-113	ND	0.433	--	ND	3.32	--		2.165
trans-1,2-Dichloroethene	ND	0.433	--	ND	1.72	--		2.165
1,1-Dichloroethane	ND	0.433	--	ND	1.75	--		2.165
Methyl tert butyl ether	ND	0.433	--	ND	1.56	--		2.165
2-Butanone	7.32	1.08	--	21.6	3.19	--		2.165
cis-1,2-Dichloroethene	ND	0.433	--	ND	1.72	--		2.165

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-13 D
Client ID: R-8
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:11
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.08	--	ND	3.89	--		2.165
Chloroform	ND	0.433	--	ND	2.11	--		2.165
Tetrahydrofuran	62.8	1.08	--	185	3.19	--		2.165
1,2-Dichloroethane	ND	0.433	--	ND	1.75	--		2.165
n-Hexane	ND	0.433	--	ND	1.53	--		2.165
1,1,1-Trichloroethane	ND	0.433	--	ND	2.36	--		2.165
Benzene	0.550	0.433	--	1.76	1.38	--		2.165
Carbon tetrachloride	ND	0.433	--	ND	2.72	--		2.165
Cyclohexane	ND	0.433	--	ND	1.49	--		2.165
1,2-Dichloropropane	ND	0.433	--	ND	2.00	--		2.165
Bromodichloromethane	ND	0.433	--	ND	2.90	--		2.165
1,4-Dioxane	ND	0.433	--	ND	1.56	--		2.165
Trichloroethene	ND	0.433	--	ND	2.33	--		2.165
2,2,4-Trimethylpentane	0.439	0.433	--	2.05	2.02	--		2.165
Heptane	ND	0.433	--	ND	1.77	--		2.165
cis-1,3-Dichloropropene	ND	0.433	--	ND	1.97	--		2.165
4-Methyl-2-pentanone	ND	1.08	--	ND	4.43	--		2.165
trans-1,3-Dichloropropene	ND	0.433	--	ND	1.97	--		2.165
1,1,2-Trichloroethane	ND	0.433	--	ND	2.36	--		2.165
Toluene	2.13	0.433	--	8.03	1.63	--		2.165
2-Hexanone	ND	0.433	--	ND	1.77	--		2.165
Dibromochloromethane	ND	0.433	--	ND	3.69	--		2.165
1,2-Dibromoethane	ND	0.433	--	ND	3.33	--		2.165
Tetrachloroethene	ND	0.433	--	ND	2.94	--		2.165
Chlorobenzene	ND	0.433	--	ND	1.99	--		2.165
Ethylbenzene	ND	0.433	--	ND	1.88	--		2.165

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-13 D
Client ID: R-8
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:11
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.18	0.866	--	5.13	3.76	--		2.165
Bromoform	ND	0.433	--	ND	4.48	--		2.165
Styrene	ND	0.433	--	ND	1.84	--		2.165
1,1,2,2-Tetrachloroethane	ND	0.433	--	ND	2.97	--		2.165
o-Xylene	0.567	0.433	--	2.46	1.88	--		2.165
4-Ethyltoluene	ND	0.433	--	ND	2.13	--		2.165
1,3,5-Trimethylbenzene	ND	0.433	--	ND	2.13	--		2.165
1,2,4-Trimethylbenzene	0.838	0.433	--	4.12	2.13	--		2.165
Benzyl chloride	ND	0.433	--	ND	2.24	--		2.165
1,3-Dichlorobenzene	ND	0.433	--	ND	2.60	--		2.165
1,4-Dichlorobenzene	ND	0.433	--	ND	2.60	--		2.165
1,2-Dichlorobenzene	ND	0.433	--	ND	2.60	--		2.165
1,2,4-Trichlorobenzene	ND	0.433	--	ND	3.21	--		2.165
Hexachlorobutadiene	ND	0.433	--	ND	4.62	--		2.165

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-15 D
Client ID: PP-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:37
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 04:16
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.498	0.397	--	2.46	1.96	--		1.986
Chloromethane	0.604	0.397	--	1.25	0.820	--		1.986
Freon-114	ND	0.397	--	ND	2.77	--		1.986
Vinyl chloride	ND	0.397	--	ND	1.01	--		1.986
1,3-Butadiene	ND	0.397	--	ND	0.878	--		1.986
Bromomethane	ND	0.397	--	ND	1.54	--		1.986
Chloroethane	ND	0.397	--	ND	1.05	--		1.986
Ethanol	20.2	9.93	--	38.1	18.7	--		1.986
Vinyl bromide	ND	0.397	--	ND	1.74	--		1.986
Acetone	39.8	1.99	--	94.5	4.73	--		1.986
Trichlorofluoromethane	ND	0.397	--	ND	2.23	--		1.986
Isopropanol	6.38	0.993	--	15.7	2.44	--		1.986
1,1-Dichloroethene	ND	0.397	--	ND	1.57	--		1.986
Tertiary butyl Alcohol	ND	0.993	--	ND	3.01	--		1.986
Methylene chloride	ND	0.993	--	ND	3.45	--		1.986
3-Chloropropene	ND	0.397	--	ND	1.24	--		1.986
Carbon disulfide	ND	0.397	--	ND	1.24	--		1.986
Freon-113	ND	0.397	--	ND	3.04	--		1.986
trans-1,2-Dichloroethene	ND	0.397	--	ND	1.57	--		1.986
1,1-Dichloroethane	ND	0.397	--	ND	1.61	--		1.986
Methyl tert butyl ether	ND	0.397	--	ND	1.43	--		1.986
2-Butanone	1.11	0.993	--	3.27	2.93	--		1.986
cis-1,2-Dichloroethene	ND	0.397	--	ND	1.57	--		1.986

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-15 D
Client ID: PP-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:37
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.993	--	ND	3.58	--		1.986
Chloroform	ND	0.397	--	ND	1.94	--		1.986
Tetrahydrofuran	ND	0.993	--	ND	2.93	--		1.986
1,2-Dichloroethane	ND	0.397	--	ND	1.61	--		1.986
n-Hexane	0.755	0.397	--	2.66	1.40	--		1.986
1,1,1-Trichloroethane	ND	0.397	--	ND	2.17	--		1.986
Benzene	0.820	0.397	--	2.62	1.27	--		1.986
Carbon tetrachloride	ND	0.397	--	ND	2.50	--		1.986
Cyclohexane	ND	0.397	--	ND	1.37	--		1.986
1,2-Dichloropropane	ND	0.397	--	ND	1.83	--		1.986
Bromodichloromethane	ND	0.397	--	ND	2.66	--		1.986
1,4-Dioxane	ND	0.397	--	ND	1.43	--		1.986
Trichloroethene	ND	0.397	--	ND	2.13	--		1.986
2,2,4-Trimethylpentane	1.65	0.397	--	7.71	1.85	--		1.986
Heptane	1.29	0.397	--	5.29	1.63	--		1.986
cis-1,3-Dichloropropene	ND	0.397	--	ND	1.80	--		1.986
4-Methyl-2-pentanone	ND	0.993	--	ND	4.07	--		1.986
trans-1,3-Dichloropropene	ND	0.397	--	ND	1.80	--		1.986
1,1,2-Trichloroethane	ND	0.397	--	ND	2.17	--		1.986
Toluene	7.18	0.397	--	27.1	1.50	--		1.986
2-Hexanone	ND	0.397	--	ND	1.63	--		1.986
Dibromochloromethane	ND	0.397	--	ND	3.38	--		1.986
1,2-Dibromoethane	ND	0.397	--	ND	3.05	--		1.986
Tetrachloroethene	ND	0.397	--	ND	2.69	--		1.986
Chlorobenzene	ND	0.397	--	ND	1.83	--		1.986
Ethylbenzene	0.534	0.397	--	2.32	1.72	--		1.986

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-15 D
Client ID: PP-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:37
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.59	0.794	--	6.91	3.45	--		1.986
Bromoform	ND	0.397	--	ND	4.10	--		1.986
Styrene	ND	0.397	--	ND	1.69	--		1.986
1,1,2,2-Tetrachloroethane	ND	0.397	--	ND	2.73	--		1.986
o-Xylene	0.588	0.397	--	2.55	1.72	--		1.986
4-Ethyltoluene	ND	0.397	--	ND	1.95	--		1.986
1,3,5-Trimethylbenzene	ND	0.397	--	ND	1.95	--		1.986
1,2,4-Trimethylbenzene	0.634	0.397	--	3.12	1.95	--		1.986
Benzyl chloride	ND	0.397	--	ND	2.06	--		1.986
1,3-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,4-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,2-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,2,4-Trichlorobenzene	ND	0.397	--	ND	2.95	--		1.986
Hexachlorobutadiene	ND	0.397	--	ND	4.23	--		1.986

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-16
Client ID: PP-3-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:58
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 16:56
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	116		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	109		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-17 D
Client ID: R-7
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:56
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 04:54
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.469	0.389	--	2.32	1.92	--		1.946
Chloromethane	0.451	0.389	--	0.931	0.803	--		1.946
Freon-114	ND	0.389	--	ND	2.72	--		1.946
Vinyl chloride	ND	0.389	--	ND	0.994	--		1.946
1,3-Butadiene	ND	0.389	--	ND	0.861	--		1.946
Bromomethane	ND	0.389	--	ND	1.51	--		1.946
Chloroethane	ND	0.389	--	ND	1.03	--		1.946
Ethanol	ND	9.73	--	ND	18.3	--		1.946
Vinyl bromide	ND	0.389	--	ND	1.70	--		1.946
Acetone	4.19	1.95	--	9.95	4.63	--		1.946
Trichlorofluoromethane	ND	0.389	--	ND	2.19	--		1.946
Isopropanol	1.49	0.973	--	3.66	2.39	--		1.946
1,1-Dichloroethene	ND	0.389	--	ND	1.54	--		1.946
Tertiary butyl Alcohol	ND	0.973	--	ND	2.95	--		1.946
Methylene chloride	ND	0.973	--	ND	3.38	--		1.946
3-Chloropropene	ND	0.389	--	ND	1.22	--		1.946
Carbon disulfide	ND	0.389	--	ND	1.21	--		1.946
Freon-113	ND	0.389	--	ND	2.98	--		1.946
trans-1,2-Dichloroethene	ND	0.389	--	ND	1.54	--		1.946
1,1-Dichloroethane	ND	0.389	--	ND	1.57	--		1.946
Methyl tert butyl ether	ND	0.389	--	ND	1.40	--		1.946
2-Butanone	4.50	0.973	--	13.3	2.87	--		1.946
cis-1,2-Dichloroethene	ND	0.389	--	ND	1.54	--		1.946

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-17 D
Client ID: R-7
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:56
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.973	--	ND	3.51	--		1.946
Chloroform	ND	0.389	--	ND	1.90	--		1.946
Tetrahydrofuran	11.9	0.973	--	35.1	2.87	--		1.946
1,2-Dichloroethane	ND	0.389	--	ND	1.57	--		1.946
n-Hexane	ND	0.389	--	ND	1.37	--		1.946
1,1,1-Trichloroethane	ND	0.389	--	ND	2.12	--		1.946
Benzene	0.486	0.389	--	1.55	1.24	--		1.946
Carbon tetrachloride	ND	0.389	--	ND	2.45	--		1.946
Cyclohexane	ND	0.389	--	ND	1.34	--		1.946
1,2-Dichloropropane	ND	0.389	--	ND	1.80	--		1.946
Bromodichloromethane	ND	0.389	--	ND	2.61	--		1.946
1,4-Dioxane	ND	0.389	--	ND	1.40	--		1.946
Trichloroethene	ND	0.389	--	ND	2.09	--		1.946
2,2,4-Trimethylpentane	ND	0.389	--	ND	1.82	--		1.946
Heptane	ND	0.389	--	ND	1.59	--		1.946
cis-1,3-Dichloropropene	ND	0.389	--	ND	1.77	--		1.946
4-Methyl-2-pentanone	ND	0.973	--	ND	3.99	--		1.946
trans-1,3-Dichloropropene	ND	0.389	--	ND	1.77	--		1.946
1,1,2-Trichloroethane	ND	0.389	--	ND	2.12	--		1.946
Toluene	0.916	0.389	--	3.45	1.47	--		1.946
2-Hexanone	ND	0.389	--	ND	1.59	--		1.946
Dibromochloromethane	ND	0.389	--	ND	3.31	--		1.946
1,2-Dibromoethane	ND	0.389	--	ND	2.99	--		1.946
Tetrachloroethene	ND	0.389	--	ND	2.64	--		1.946
Chlorobenzene	ND	0.389	--	ND	1.79	--		1.946
Ethylbenzene	ND	0.389	--	ND	1.69	--		1.946

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-17 D
Client ID: R-7
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:56
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.09	0.778	--	4.73	3.38	--		1.946
Bromoform	ND	0.389	--	ND	4.02	--		1.946
Styrene	ND	0.389	--	ND	1.66	--		1.946
1,1,2,2-Tetrachloroethane	ND	0.389	--	ND	2.67	--		1.946
o-Xylene	0.411	0.389	--	1.79	1.69	--		1.946
4-Ethyltoluene	ND	0.389	--	ND	1.91	--		1.946
1,3,5-Trimethylbenzene	ND	0.389	--	ND	1.91	--		1.946
1,2,4-Trimethylbenzene	ND	0.389	--	ND	1.91	--		1.946
Benzyl chloride	ND	0.389	--	ND	2.01	--		1.946
1,3-Dichlorobenzene	ND	0.389	--	ND	2.34	--		1.946
1,4-Dichlorobenzene	ND	0.389	--	ND	2.34	--		1.946
1,2-Dichlorobenzene	ND	0.389	--	ND	2.34	--		1.946
1,2,4-Trichlorobenzene	ND	0.389	--	ND	2.89	--		1.946
Hexachlorobutadiene	ND	0.389	--	ND	4.15	--		1.946

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-18
Client ID: R-7-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 14:16
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 17:25
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	109		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	97		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-19 D
Client ID: R-6
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 14:30
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 05:34
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.463	0.417	--	2.29	2.06	--		2.086
Chloromethane	0.474	0.417	--	0.979	0.861	--		2.086
Freon-114	ND	0.417	--	ND	2.91	--		2.086
Vinyl chloride	ND	0.417	--	ND	1.07	--		2.086
1,3-Butadiene	ND	0.417	--	ND	0.923	--		2.086
Bromomethane	ND	0.417	--	ND	1.62	--		2.086
Chloroethane	ND	0.417	--	ND	1.10	--		2.086
Ethanol	13.4	10.4	--	25.2	19.6	--		2.086
Vinyl bromide	ND	0.417	--	ND	1.82	--		2.086
Acetone	4.52	2.09	--	10.7	4.96	--		2.086
Trichlorofluoromethane	ND	0.417	--	ND	2.34	--		2.086
Isopropanol	1.50	1.04	--	3.69	2.56	--		2.086
1,1-Dichloroethene	ND	0.417	--	ND	1.65	--		2.086
Tertiary butyl Alcohol	ND	1.04	--	ND	3.15	--		2.086
Methylene chloride	ND	1.04	--	ND	3.61	--		2.086
3-Chloropropene	ND	0.417	--	ND	1.31	--		2.086
Carbon disulfide	ND	0.417	--	ND	1.30	--		2.086
Freon-113	ND	0.417	--	ND	3.20	--		2.086
trans-1,2-Dichloroethene	ND	0.417	--	ND	1.65	--		2.086
1,1-Dichloroethane	ND	0.417	--	ND	1.69	--		2.086
Methyl tert butyl ether	ND	0.417	--	ND	1.50	--		2.086
2-Butanone	3.86	1.04	--	11.4	3.07	--		2.086
cis-1,2-Dichloroethene	ND	0.417	--	ND	1.65	--		2.086

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-19 D
Client ID: R-6
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 14:30
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.04	--	ND	3.75	--		2.086
Chloroform	ND	0.417	--	ND	2.04	--		2.086
Tetrahydrofuran	29.6	1.04	--	87.3	3.07	--		2.086
1,2-Dichloroethane	ND	0.417	--	ND	1.69	--		2.086
n-Hexane	0.801	0.417	--	2.82	1.47	--		2.086
1,1,1-Trichloroethane	ND	0.417	--	ND	2.28	--		2.086
Benzene	ND	0.417	--	ND	1.33	--		2.086
Carbon tetrachloride	ND	0.417	--	ND	2.62	--		2.086
Cyclohexane	ND	0.417	--	ND	1.44	--		2.086
1,2-Dichloropropane	ND	0.417	--	ND	1.93	--		2.086
Bromodichloromethane	ND	0.417	--	ND	2.79	--		2.086
1,4-Dioxane	ND	0.417	--	ND	1.50	--		2.086
Trichloroethene	ND	0.417	--	ND	2.24	--		2.086
2,2,4-Trimethylpentane	ND	0.417	--	ND	1.95	--		2.086
Heptane	ND	0.417	--	ND	1.71	--		2.086
cis-1,3-Dichloropropene	ND	0.417	--	ND	1.89	--		2.086
4-Methyl-2-pentanone	ND	1.04	--	ND	4.26	--		2.086
trans-1,3-Dichloropropene	ND	0.417	--	ND	1.89	--		2.086
1,1,2-Trichloroethane	ND	0.417	--	ND	2.28	--		2.086
Toluene	1.28	0.417	--	4.82	1.57	--		2.086
2-Hexanone	ND	0.417	--	ND	1.71	--		2.086
Dibromochloromethane	ND	0.417	--	ND	3.55	--		2.086
1,2-Dibromoethane	ND	0.417	--	ND	3.20	--		2.086
Tetrachloroethene	ND	0.417	--	ND	2.83	--		2.086
Chlorobenzene	ND	0.417	--	ND	1.92	--		2.086
Ethylbenzene	ND	0.417	--	ND	1.81	--		2.086

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-19 D
Client ID: R-6
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 14:30
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.966	0.834	--	4.20	3.62	--		2.086
Bromoform	ND	0.417	--	ND	4.31	--		2.086
Styrene	ND	0.417	--	ND	1.78	--		2.086
1,1,2,2-Tetrachloroethane	ND	0.417	--	ND	2.86	--		2.086
o-Xylene	0.453	0.417	--	1.97	1.81	--		2.086
4-Ethyltoluene	ND	0.417	--	ND	2.05	--		2.086
1,3,5-Trimethylbenzene	ND	0.417	--	ND	2.05	--		2.086
1,2,4-Trimethylbenzene	0.605	0.417	--	2.97	2.05	--		2.086
Benzyl chloride	ND	0.417	--	ND	2.16	--		2.086
1,3-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.086
1,4-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.086
1,2-Dichlorobenzene	ND	0.417	--	ND	2.51	--		2.086
1,2,4-Trichlorobenzene	ND	0.417	--	ND	3.10	--		2.086
Hexachlorobutadiene	ND	0.417	--	ND	4.45	--		2.086

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-20
Client ID: R-6-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 14:44
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 17:54
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	114		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	102		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/10/22 10:56

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Mercaptans & Sulfides in Air - Mansfield Lab for sample(s): 02,04,06,08,10,12,16,18,20 Batch: WG1603568-4								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1
Carbonyl sulfide	ND	2.50	--	ND	6.14	--		1
Methyl mercaptan	ND	2.50	--	ND	4.92	--		1
Ethyl mercaptan	ND	0.500	--	ND	1.27	--		1
Dimethyl sulfide	ND	0.500	--	ND	1.27	--		1
Carbon disulfide	ND	0.500	--	ND	1.56	--		1
Isopropyl Mercaptan	ND	0.500	--	ND	1.56	--		1
tert-Butyl Mercaptan	ND	0.500	--	ND	1.84	--		1
N-Propyl Mercaptan	ND	0.500	--	ND	1.56	--		1
Ethyl Methyl Sulfide	ND	0.500	--	ND	1.56	--		1
Thiophene	ND	0.500	--	ND	1.72	--		1
Isobutyl Mercaptan	ND	0.500	--	ND	1.84	--		1
Diethyl Sulfide	ND	0.500	--	ND	1.84	--		1
n-Butyl Mercaptan	ND	2.00	--	ND	7.38	--		1
Dimethyl Disulfide	ND	0.500	--	ND	1.93	--		1
3-Methylthiophene	ND	0.500	--	ND	2.01	--		1
Tetrahydrothiophene	ND	0.500	--	ND	1.80	--		1
2-Ethylthiophene	ND	0.500	--	ND	2.29	--		1
2,5-Dimethylthiophene	ND	0.500	--	ND	2.29	--		1
Diethyl disulfide	ND	0.500	--	ND	2.50	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/21/22 15:02

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607441-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/21/22 15:02

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607441-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/21/22 15:02

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607441-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2206518

Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Mercaptans & Sulfides in Air - Mansfield Lab	Associated sample(s): 02,04,06,08,10,12,16,18,20		Batch: WG1603568-3					
Hydrogen Sulfide	72		-		70-130	-		
Carbonyl sulfide	71		-		70-130	-		
Methyl mercaptan	77		-		70-130	-		
Ethyl mercaptan	76		-		70-130	-		
Dimethyl sulfide	73		-		70-130	-		
Carbon disulfide	89		-		70-130	-		
Isopropyl Mercaptan	87		-		70-130	-		
tert-Butyl Mercaptan	90		-		70-130	-		
N-Propyl Mercaptan	102		-		70-130	-		
Ethyl Methyl Sulfide	95		-		70-130	-		
Thiophene	79		-		70-130	-		
Isobutyl Mercaptan	88		-		70-130	-		
Diethyl Sulfide	78		-		70-130	-		
n-Butyl Mercaptan	78		-		70-130	-		
Dimethyl Disulfide	82		-		70-130	-		
3-Methylthiophene	75		-		70-130	-		
Tetrahydrothiophene	76		-		70-130	-		
2-Ethylthiophene	74		-		70-130	-		
2,5-Dimethylthiophene	79		-		70-130	-		
Diethyl disulfide	76		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607441-3								
Dichlorodifluoromethane	93		-		70-130	-		
Chloromethane	112		-		70-130	-		
Freon-114	106		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	108		-		70-130	-		
Bromomethane	101		-		70-130	-		
Chloroethane	85		-		70-130	-		
Ethanol	101		-		40-160	-		
Vinyl bromide	89		-		70-130	-		
Acetone	97		-		40-160	-		
Trichlorofluoromethane	72		-		70-130	-		
Isopropanol	83		-		40-160	-		
1,1-Dichloroethene	90		-		70-130	-		
Tertiary butyl Alcohol	73		-		70-130	-		
Methylene chloride	104		-		70-130	-		
3-Chloropropene	95		-		70-130	-		
Carbon disulfide	93		-		70-130	-		
Freon-113	96		-		70-130	-		
trans-1,2-Dichloroethene	91		-		70-130	-		
1,1-Dichloroethane	93		-		70-130	-		
Methyl tert butyl ether	80		-		70-130	-		
2-Butanone	96		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607441-3								
Ethyl Acetate	102		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	93		-		70-130	-		
1,2-Dichloroethane	81		-		70-130	-		
n-Hexane	107		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
Benzene	106		-		70-130	-		
Carbon tetrachloride	93		-		70-130	-		
Cyclohexane	111		-		70-130	-		
1,2-Dichloropropane	116		-		70-130	-		
Bromodichloromethane	107		-		70-130	-		
1,4-Dioxane	113		-		70-130	-		
Trichloroethene	111		-		70-130	-		
2,2,4-Trimethylpentane	114		-		70-130	-		
Heptane	120		-		70-130	-		
cis-1,3-Dichloropropene	114		-		70-130	-		
4-Methyl-2-pentanone	117		-		70-130	-		
trans-1,3-Dichloropropene	95		-		70-130	-		
1,1,2-Trichloroethane	126		-		70-130	-		
Toluene	112		-		70-130	-		
2-Hexanone	120		-		70-130	-		
Dibromochloromethane	114		-		70-130	-		
1,2-Dibromoethane	121		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607441-3								
Tetrachloroethene	104		-		70-130	-		
Chlorobenzene	116		-		70-130	-		
Ethylbenzene	124		-		70-130	-		
p/m-Xylene	126		-		70-130	-		
Bromoform	102		-		70-130	-		
Styrene	122		-		70-130	-		
1,1,2,2-Tetrachloroethane	**140**	Q	-		70-130	-		
o-Xylene	129		-		70-130	-		
4-Ethyltoluene	119		-		70-130	-		
1,3,5-Trimethylbenzene	120		-		70-130	-		
1,2,4-Trimethylbenzene	123		-		70-130	-		
Benzyl chloride	102		-		70-130	-		
1,3-Dichlorobenzene	120		-		70-130	-		
1,4-Dichlorobenzene	121		-		70-130	-		
1,2-Dichlorobenzene	116		-		70-130	-		
1,2,4-Trichlorobenzene	102		-		70-130	-		
Hexachlorobutadiene	104		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Mercaptans & Sulfides in Air - Mansfield Lab Associated sample(s): 02,04,06,08,10,12,16,18,20 QC Batch ID: WG1603568-5 QC Sample: L2206518-20 Client ID: R-6-H2S						
Hydrogen Sulfide	ND	ND	ppbV	NC		25

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-01 D
Client ID: R-12
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 07:44
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/22/22 19:32
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.222	--	2.222

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-03 D
Client ID: R-11
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 09:24
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/22/22 20:21
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.204	--	2.041

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-05 D
Client ID: PP-5
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 09:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/22/22 21:10
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.222	--	2.222

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-07 D
Client ID: PP-4
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 10:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/22/22 21:59
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.217	--	2.174

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-09 D
Client ID: R-10
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:02
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/22/22 22:48
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.204	--	2.041

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-11 D
Client ID: R-9
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 12:42
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/22/22 23:37
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-13 D
Client ID: R-8
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:11
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/23/22 00:26
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.217	--	2.174

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-15 D
Client ID: PP-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:37
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/23/22 01:14
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-17 D
Client ID: R-7
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 13:56
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/23/22 02:03
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.196	--	1.961

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206518-19 D
Client ID: R-6
Sample Location: 70 NARDOZZI PL

Date Collected: 02/08/22 14:30
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/23/22 02:52
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.208	--	2.083

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206518
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 51,3C
Analytical Date: 02/22/22 08:06
Analyst: AR

Parameter	Result	Qualifier	Units	RL	MDL
Fixed Gases by GC - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607876-3					
Nitrogen	ND		%	1.00	--
Oxygen	ND		%	1.00	--
Carbon Dioxide	ND		%	0.100	--
Methane	ND		%	0.100	--
Carbon Monoxide	ND		%	0.100	--
Helium	ND		%	0.100	--

Lab Control Sample Analysis

Batch Quality Control

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2206518

Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab	Associated sample(s): 01,03,05,07,09,11,13,15,17,19		Batch: WG1607876-2					
Nitrogen	106		-		80-120	-		
Oxygen	104		-		80-120	-		
Carbon Dioxide	107		-		80-120	-		
Methane	115		-		80-120	-		
Carbon Monoxide	111		-		80-120	-		
Helium	97		-		80-120	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-10 QC Sample: L2206518-13 Client ID: R-8						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-11 QC Sample: L2206518-15 Client ID: PP-3						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-12 QC Sample: L2206518-17 Client ID: R-7						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-13 QC Sample: L2206518-19 Client ID: R-6						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-4 QC Sample: L2206518-01 Client ID: R-12						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-5 QC Sample: L2206518-03 Client ID: R-11						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-6 QC Sample: L2206518-05 Client ID: PP-5						
Methane	ND	ND	%	NC		5

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-7 QC Sample: L2206518-07 Client ID: PP-4						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-8 QC Sample: L2206518-09 Client ID: R-10						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607876-9 QC Sample: L2206518-11 Client ID: R-9						
Methane	ND	ND	%	NC		5

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2206518

Report Date: 02/24/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2206518-01	R-12	0882	SV200	02/07/22	372211		-	-	-	Pass	220	213	3
L2206518-01	R-12	866	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.9	0.0	-	-	-	-
L2206518-03	R-11	0533	SV200	02/07/22	372211		-	-	-	Pass	222	213	4
L2206518-03	R-11	1694	1.0L Can	02/07/22	372211	L2205332-07	Pass	-29.0	0.0	-	-	-	-
L2206518-05	PP-5	02118	SV200	02/07/22	372211		-	-	-	Pass	220	212	4
L2206518-05	PP-5	909	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.9	0.0	-	-	-	-
L2206518-07	PP-4	0523	SV200	02/07/22	372211		-	-	-	Pass	217	211	3
L2206518-07	PP-4	2474	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.9	0.0	-	-	-	-
L2206518-09	R-10	02112	SV200	02/07/22	372211		-	-	-	Pass	221	213	4
L2206518-09	R-10	1498	1.0L Can	02/07/22	372211	L2205332-07	Pass	-29.1	0.0	-	-	-	-
L2206518-11	R-9	01859	SV200	02/07/22	372211		-	-	-	Pass	218	212	3
L2206518-11	R-9	2093	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.8	0.0	-	-	-	-
L2206518-13	R-8	0658	SV200	02/07/22	372211		-	-	-	Pass	222	215	3
L2206518-13	R-8	841	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.9	0.0	-	-	-	-
L2206518-15	PP-3	01753	SV200	02/07/22	372211		-	-	-	Pass	220	214	3

Project Name: NARDOZZI

Lab Number: L2206518

Project Number: 2015.191

Report Date: 02/24/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2206518-15	PP-3	571	1.0L Can	02/07/22	372211	L2204414-07	Pass	-29.0	-1.8	-	-	-	-
L2206518-17	R-7	02115	SV200	02/07/22	372211		-	-	-	Pass	218	212	3
L2206518-17	R-7	792	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.9	0.0	-	-	-	-
L2206518-19	R-6	01762	SV200	02/07/22	372211		-	-	-	Pass	218	212	3
L2206518-19	R-6	801	1.0L Can	02/07/22	372211	L2204414-07	Pass	-28.9	-1.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/27/22 23:11
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/27/22 23:11
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/03/22 01:18
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/03/22 01:18
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	100		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2206518-01A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L2206518-02A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-02X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-03A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L2206518-04A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-04X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2206518-06A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-06X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-07A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2206518-08A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-08X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-09A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2206518-10A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-10X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-11A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L2206518-12A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-12X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-13A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2206518-14A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		CANCELLED()
L2206518-14X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		CANCELLED()
L2206518-15A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L2206518-16A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)

*Values in parentheses indicate holding time in days

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206518
Report Date: 02/24/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2206518-16X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-17A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2206518-18A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-18X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-19A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L2206518-20A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206518-20X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)

*Values in parentheses indicate holding time in days

Project Name:	NARDOZZI	**Lab Number:**	L2206518
Project Number:	2015.191	**Report Date:**	02/24/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	NARDOZZI	**Lab Number:**	L2206518
Project Number:	2015.191	**Report Date:**	02/24/22

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	NARDOZZI	**Lab Number:**	L2206518
Project Number:	2015.191	**Report Date:**	02/24/22

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name:	NARDOZZI	**Lab Number:**	L2206518
Project Number:	2015.191	**Report Date:**	02/24/22

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

51 Determination of Carbon Dioxide, Methane, Nitrogen and Oxygen from Stationary Sources. Method 3C. Appendix A, Part 60, 40 CFR (Code of Federal Regulations). June 20, 1996.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

CHAIN OF CUSTODY PAGE 1 OF 2

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2-3-22

ALPHA Job #: L2206518

Client Information

Client: JM Sorge, Inc.
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: CWard@jmsorge.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordoze
Project Location: 70 Nordoze Pl
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
5 day TAT
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15 + Acetone, disulfide, methanol	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
06518-01	R-12	2/3/22	7:39	7:44	-29.93	-1.96	SV	CW	1L	866	0882	X						
02	R-12-H2S		8:59	10:51	—	—			5L	—	—					X		
03	R-11		9:17	9:24	-29.18	-1.40			1L	16W	0535	X						
04	R-11-H2S		10:19	12:47	—	—			5L	—	—					X		
05	PP-5		9:40	9:45	-29.99	-2.18			1L	909	02118	X						
06	PP-5-H2S		11:00	11:18	—	—			5L	—	—					X		
07	PP-4		9:55	10:00	-29.71	-1.92			1L	247H	0538	X						
08	PP-4-H2S		11:28	11:38	—	—			5L	—	—					X		
09	R-10		11:57	12:02	-29.91	-1.87			1L	1498	02112	X						
10	R-10-H2S		12:14	12:25	—	—			5L	—	—					X		
									Container Type							T		

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Relinquished By:	Date/Time	Received By:	Date/Time:
Cassandra Ward	2/8/22 14:52		
	2/8/22 1552		2/3/22 1453
Anthony Fiore	2/8/22	Anthony Fiore	2/3/22 2000
			2/3/22 2305

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE 2 OF 2

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2-8-22

ALPHA Job #: L2206518

Client Information

Client: JM Sorge, Inc.
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: cward@jmsorge.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordozzi
Project Location: 70 Nordozzi Pl, NY
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
5 day TAT
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15 + Cyclohexane, Methanol	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
11	R-9	2/8/22	12:37	12:42	-29.94	-1.53	SV	CW	1L	2073	01839	X						
12	R-9-H2S		12:45	12:59	—	—			5L	—	—					X		
13	R-8		13:06	13:11	-29.60	-1.71			1L	841	00583	X						
14	R-8-H2S		13:20	13:33	—	—			5L	—	—					X		
15	PP-3		13:32	13:37	-29.35	-1.58			1L	571	01755	X						
16	PP-3-H2S		13:46	13:58	—	—			5L	—	—					X		
17	R-7		13:51	13:56	-29.43	-2.06			1L	792	08115	X						
18	R-7-H2S		14:04	14:16	—	—			5L	—	—					X		
19	R-6		14:25	14:30	-29.59	-1.79			1L	801	07162	X						
20	R-6-H2S		14:34	14:44	—	—			5L	—	—					X		

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6 T

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Cassandra Ward	2/8/22 14:58	Dave	2/8/22 1452
Dave	2/8/22 1752	Anthony Green	2/5/22 2000
Anthony Green	2/8/22	AAL	2/8/22 2315
AAL	2/9/22		

Form No: 101-02 Rev (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2206828
Client:	JM Sorge, Inc. Environmental Consultants 57 Fourth Street Somerville, NJ 08876
ATTN:	Cassandra Ward
Phone:	(908) 218-0066
Project Name:	NARDOZZI
Project Number:	2015.191
Report Date:	02/24/22

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2206828-01	AMB2022	AIR	70 NARDOZZI PL	02/09/22 07:59	02/09/22
L2206828-02	AMB2022-H2S	AIR	70 NARDOZZI PL	02/09/22 07:58	02/09/22
L2206828-03	GAR2022	AIR	70 NARDOZZI PL	02/09/22 11:49	02/09/22
L2206828-04	GAR2022-H2S	AIR	70 NARDOZZI PL	02/09/22 08:22	02/09/22
L2206828-05	IA-1	AIR	70 NARDOZZI PL	02/09/22 11:51	02/09/22
L2206828-06	IA-1-H2S	AIR	70 NARDOZZI PL	02/09/22 08:41	02/09/22
L2206828-07	IA-2	AIR	70 NARDOZZI PL	02/09/22 11:54	02/09/22
L2206828-08	IA-2-H2S	AIR	70 NARDOZZI PL	02/09/22 09:00	02/09/22
L2206828-09	IA-3	AIR	70 NARDOZZI PL	02/09/22 11:51	02/09/22
L2206828-10	IA-3-H2S	AIR	70 NARDOZZI PL	02/09/22 09:15	02/09/22
L2206828-11	PP-1	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 10:36	02/09/22
L2206828-12	PP-1-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 11:02	02/09/22
L2206828-13	PP-2	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 09:57	02/09/22
L2206828-14	PP-2-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 10:15	02/09/22
L2206828-15	R-3	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 13:51	02/09/22
L2206828-16	R-3-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 14:09	02/09/22
L2206828-17	R-2	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 11:55	02/09/22
L2206828-18	R-2-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 12:13	02/09/22
L2206828-19	R-23	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 12:55	02/09/22
L2206828-20	R-23-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/09/22 13:15	02/09/22

Project Name:	NARDOZZI	**Lab Number:**	L2206828
Project Number:	2015.191	**Report Date:**	02/24/22

Case Narrative

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

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

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

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

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

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

Project Name:	NARDOZZI	**Lab Number:**	L2206828
Project Number:	2015.191	**Report Date:**	02/24/22

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 7, 2022. The canister certification results are provided as an addendum.

Volatile Organics in Air

L2206828-11D, -13D, -15D, -17D, and -19D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

The WG1607957-3 LCS recovery for 1,1,2,2-tetrachloroethane (137%) is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

Air

L2206828-01D, -03D, -05D, -07D, and -09D: Prior to sample analysis, the canisters were pressurized with UHP Hydrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Hydrogen resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

L2206828-11D, -13D, -15D, -17D, and -19D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

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

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 02/24/22

AIR

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-01
Client ID: AMB2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 07:59
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 19:45
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.460	0.200	--	2.27	0.989	--		1
Chloromethane	0.615	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	6.07	5.00	--	11.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.60	1.00	--	3.80	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.645	0.500	--	1.59	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-01
Client ID: AMB2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 07:59
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.236	0.200	--	0.832	0.705	--		1
Benzene	0.328	0.200	--	1.05	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.450	0.200	--	1.70	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-01
Client ID: AMB2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 07:59
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-01
Client ID: AMB2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 07:59
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/22/22 19:45
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-02
Client ID: AMB2022-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 07:58
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 19:03
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	120		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	109		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-03
Client ID: GAR2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:49
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 23:03
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.485	0.200	--	2.40	0.989	--		1
Chloromethane	0.700	0.200	--	1.45	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	16.4	5.00	--	30.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.13	1.00	--	5.06	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.70	0.500	--	4.18	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-03
Client ID: GAR2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:49
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.21	0.200	--	4.26	0.705	--		1
Benzene	0.759	0.200	--	2.42	0.639	--		1
Cyclohexane	0.472	0.200	--	1.62	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	1.28	0.200	--	5.98	0.934	--		1
Heptane	0.806	0.200	--	3.30	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.938	0.500	--	3.84	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.33	0.200	--	8.78	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.419	0.200	--	1.82	0.869	--		1
p/m-Xylene	1.34	0.400	--	5.82	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.523	0.200	--	2.27	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.210	0.200	--	1.03	0.983	--		1

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-03
Client ID: GAR2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:49
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.770	0.200	--	3.79	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-03
Client ID: GAR2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:49
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/22/22 23:03
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-04
Client ID: GAR2022-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 08:22
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 19:35
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	98		60-140
bromochloromethane	61		60-140
chlorobenzene-d5	76		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-05
Client ID: IA-1
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 20:24
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.501	0.200	--	2.48	0.989	--		1
Chloromethane	0.707	0.200	--	1.46	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	45.0	5.00	--	84.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	11.7	1.00	--	27.8	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	29.0	0.500	--	71.3	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	5.57	0.500	--	19.4	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-05
Client ID: IA-1
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.587	0.200	--	2.07	0.705	--		1
Benzene	0.385	0.200	--	1.23	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.403	0.200	--	1.88	0.934	--		1
Heptane	0.365	0.200	--	1.50	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.44	0.200	--	5.43	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.202	0.200	--	0.877	0.869	--		1
p/m-Xylene	0.663	0.400	--	2.88	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.246	0.200	--	1.07	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-05
Client ID: IA-1
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	88		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-05
Client ID: IA-1
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/22/22 20:24
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.068	0.020	--	0.428	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.037	0.020	--	0.251	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	89		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-06
Client ID: IA-1-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 08:41
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 20:05
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	95		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-07
Client ID: IA-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:54
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 21:04
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.495	0.200	--	2.45	0.989	--		1
Chloromethane	0.664	0.200	--	1.37	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	16.1	5.00	--	30.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.03	1.00	--	7.20	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	8.31	0.500	--	20.4	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-07
Client ID: IA-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:54
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.317	0.200	--	1.12	0.705	--		1
Benzene	0.405	0.200	--	1.29	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.263	0.200	--	1.23	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.02	0.200	--	3.84	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-07
Client ID: IA-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:54
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	89		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-07
Client ID: IA-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:54
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/22/22 21:04
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.032	0.020	--	0.217	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	90		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-08
Client ID: IA-2-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 09:00
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 20:34
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	84		60-140
chlorobenzene-d5	88		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-09
Client ID: IA-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/22/22 21:44
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.511	0.200	--	2.53	0.989	--		1
Chloromethane	0.736	0.200	--	1.52	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	22.7	5.00	--	42.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.64	1.00	--	15.8	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	9.38	0.500	--	23.1	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.466	0.200	--	2.28	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-09
Client ID: IA-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.403	0.200	--	1.42	0.705	--		1
Benzene	0.453	0.200	--	1.45	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.472	0.200	--	2.20	0.934	--		1
Heptane	0.299	0.200	--	1.23	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.46	0.200	--	5.50	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.241	0.200	--	1.05	0.869	--		1
p/m-Xylene	0.798	0.400	--	3.47	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.330	0.200	--	1.43	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-09
Client ID: IA-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.329	0.200	--	1.62	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	81		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-09
Client ID: IA-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/22/22 21:44
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.080	0.020	--	0.503	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.031	0.020	--	0.210	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	82		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	82		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-10
Client ID: IA-3-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 09:15
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 21:06
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	98		60-140
bromochloromethane	63		60-140
chlorobenzene-d5	82		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-11 D
Client ID: PP-1
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 10:36
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/23/22 02:58
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.510	0.388	--	2.52	1.92	--		1.939
Chloromethane	ND	0.388	--	ND	0.801	--		1.939
Freon-114	ND	0.388	--	ND	2.71	--		1.939
Vinyl chloride	ND	0.388	--	ND	0.992	--		1.939
1,3-Butadiene	ND	0.388	--	ND	0.858	--		1.939
Bromomethane	ND	0.388	--	ND	1.51	--		1.939
Chloroethane	ND	0.388	--	ND	1.02	--		1.939
Ethanol	38.5	9.70	--	72.5	18.3	--		1.939
Vinyl bromide	ND	0.388	--	ND	1.70	--		1.939
Acetone	4.61	1.94	--	11.0	4.61	--		1.939
Trichlorofluoromethane	ND	0.388	--	ND	2.18	--		1.939
Isopropanol	1.63	0.970	--	4.01	2.38	--		1.939
1,1-Dichloroethene	ND	0.388	--	ND	1.54	--		1.939
Tertiary butyl Alcohol	2.42	0.970	--	7.34	2.94	--		1.939
Methylene chloride	ND	0.970	--	ND	3.37	--		1.939
3-Chloropropene	ND	0.388	--	ND	1.21	--		1.939
Carbon disulfide	ND	0.388	--	ND	1.21	--		1.939
Freon-113	ND	0.388	--	ND	2.97	--		1.939
trans-1,2-Dichloroethene	ND	0.388	--	ND	1.54	--		1.939
1,1-Dichloroethane	ND	0.388	--	ND	1.57	--		1.939
Methyl tert butyl ether	ND	0.388	--	ND	1.40	--		1.939
2-Butanone	5.55	0.970	--	16.4	2.86	--		1.939
cis-1,2-Dichloroethene	ND	0.388	--	ND	1.54	--		1.939

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-11 D
Client ID: PP-1
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 10:36
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.970	--	ND	3.50	--		1.939
Chloroform	ND	0.388	--	ND	1.89	--		1.939
Tetrahydrofuran	6.08	0.970	--	17.9	2.86	--		1.939
1,2-Dichloroethane	ND	0.388	--	ND	1.57	--		1.939
n-Hexane	ND	0.388	--	ND	1.37	--		1.939
1,1,1-Trichloroethane	ND	0.388	--	ND	2.12	--		1.939
Benzene	ND	0.388	--	ND	1.24	--		1.939
Carbon tetrachloride	ND	0.388	--	ND	2.44	--		1.939
Cyclohexane	ND	0.388	--	ND	1.34	--		1.939
1,2-Dichloropropane	ND	0.388	--	ND	1.79	--		1.939
Bromodichloromethane	ND	0.388	--	ND	2.60	--		1.939
1,4-Dioxane	ND	0.388	--	ND	1.40	--		1.939
Trichloroethene	ND	0.388	--	ND	2.09	--		1.939
2,2,4-Trimethylpentane	ND	0.388	--	ND	1.81	--		1.939
Heptane	ND	0.388	--	ND	1.59	--		1.939
cis-1,3-Dichloropropene	ND	0.388	--	ND	1.76	--		1.939
4-Methyl-2-pentanone	ND	0.970	--	ND	3.98	--		1.939
trans-1,3-Dichloropropene	ND	0.388	--	ND	1.76	--		1.939
1,1,2-Trichloroethane	ND	0.388	--	ND	2.12	--		1.939
Toluene	2.07	0.388	--	7.80	1.46	--		1.939
2-Hexanone	ND	0.388	--	ND	1.59	--		1.939
Dibromochloromethane	ND	0.388	--	ND	3.31	--		1.939
1,2-Dibromoethane	ND	0.388	--	ND	2.98	--		1.939
Tetrachloroethene	ND	0.388	--	ND	2.63	--		1.939
Chlorobenzene	ND	0.388	--	ND	1.79	--		1.939
Ethylbenzene	ND	0.388	--	ND	1.69	--		1.939

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-11 D
Client ID: PP-1
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 10:36
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.15	0.776	--	5.00	3.37	--		1.939
Bromoform	ND	0.388	--	ND	4.01	--		1.939
Styrene	ND	0.388	--	ND	1.65	--		1.939
1,1,2,2-Tetrachloroethane	ND	0.388	--	ND	2.66	--		1.939
o-Xylene	0.539	0.388	--	2.34	1.69	--		1.939
4-Ethyltoluene	ND	0.388	--	ND	1.91	--		1.939
1,3,5-Trimethylbenzene	ND	0.388	--	ND	1.91	--		1.939
1,2,4-Trimethylbenzene	0.913	0.388	--	4.49	1.91	--		1.939
Benzyl chloride	ND	0.388	--	ND	2.01	--		1.939
1,3-Dichlorobenzene	ND	0.388	--	ND	2.33	--		1.939
1,4-Dichlorobenzene	ND	0.388	--	ND	2.33	--		1.939
1,2-Dichlorobenzene	ND	0.388	--	ND	2.33	--		1.939
1,2,4-Trichlorobenzene	ND	0.388	--	ND	2.88	--		1.939
Hexachlorobutadiene	ND	0.388	--	ND	4.14	--		1.939

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-12
Client ID: PP-1-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:02
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/10/22 21:36
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	100		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	96		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-13 D
Client ID: PP-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 09:57
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/23/22 03:37
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.476	0.425	--	2.35	2.10	--		2.126
Chloromethane	0.948	0.425	--	1.96	0.878	--		2.126
Freon-114	ND	0.425	--	ND	2.97	--		2.126
Vinyl chloride	ND	0.425	--	ND	1.09	--		2.126
1,3-Butadiene	ND	0.425	--	ND	0.940	--		2.126
Bromomethane	ND	0.425	--	ND	1.65	--		2.126
Chloroethane	ND	0.425	--	ND	1.12	--		2.126
Ethanol	71.1	10.6	--	134	20.0	--		2.126
Vinyl bromide	ND	0.425	--	ND	1.86	--		2.126
Acetone	11.8	2.13	--	28.0	5.06	--		2.126
Trichlorofluoromethane	ND	0.425	--	ND	2.39	--		2.126
Isopropanol	4.64	1.06	--	11.4	2.61	--		2.126
1,1-Dichloroethene	ND	0.425	--	ND	1.69	--		2.126
Tertiary butyl Alcohol	ND	1.06	--	ND	3.21	--		2.126
Methylene chloride	ND	1.06	--	ND	3.68	--		2.126
3-Chloropropene	ND	0.425	--	ND	1.33	--		2.126
Carbon disulfide	ND	0.425	--	ND	1.32	--		2.126
Freon-113	ND	0.425	--	ND	3.26	--		2.126
trans-1,2-Dichloroethene	ND	0.425	--	ND	1.69	--		2.126
1,1-Dichloroethane	ND	0.425	--	ND	1.72	--		2.126
Methyl tert butyl ether	ND	0.425	--	ND	1.53	--		2.126
2-Butanone	2.40	1.06	--	7.08	3.13	--		2.126
cis-1,2-Dichloroethene	ND	0.425	--	ND	1.69	--		2.126

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-13 D
Client ID: PP-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 09:57
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.06	--	ND	3.82	--		2.126
Chloroform	ND	0.425	--	ND	2.08	--		2.126
Tetrahydrofuran	2.77	1.06	--	8.17	3.13	--		2.126
1,2-Dichloroethane	ND	0.425	--	ND	1.72	--		2.126
n-Hexane	0.748	0.425	--	2.64	1.50	--		2.126
1,1,1-Trichloroethane	ND	0.425	--	ND	2.32	--		2.126
Benzene	0.965	0.425	--	3.08	1.36	--		2.126
Carbon tetrachloride	ND	0.425	--	ND	2.67	--		2.126
Cyclohexane	ND	0.425	--	ND	1.46	--		2.126
1,2-Dichloropropane	ND	0.425	--	ND	1.96	--		2.126
Bromodichloromethane	ND	0.425	--	ND	2.85	--		2.126
1,4-Dioxane	ND	0.425	--	ND	1.53	--		2.126
Trichloroethene	ND	0.425	--	ND	2.28	--		2.126
2,2,4-Trimethylpentane	0.855	0.425	--	3.99	1.99	--		2.126
Heptane	0.816	0.425	--	3.34	1.74	--		2.126
cis-1,3-Dichloropropene	ND	0.425	--	ND	1.93	--		2.126
4-Methyl-2-pentanone	ND	1.06	--	ND	4.34	--		2.126
trans-1,3-Dichloropropene	ND	0.425	--	ND	1.93	--		2.126
1,1,2-Trichloroethane	ND	0.425	--	ND	2.32	--		2.126
Toluene	5.80	0.425	--	21.9	1.60	--		2.126
2-Hexanone	ND	0.425	--	ND	1.74	--		2.126
Dibromochloromethane	ND	0.425	--	ND	3.62	--		2.126
1,2-Dibromoethane	ND	0.425	--	ND	3.27	--		2.126
Tetrachloroethene	ND	0.425	--	ND	2.88	--		2.126
Chlorobenzene	ND	0.425	--	ND	1.96	--		2.126
Ethylbenzene	0.736	0.425	--	3.20	1.85	--		2.126

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-13 D
Client ID: PP-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 09:57
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.21	0.850	--	9.60	3.69	--		2.126
Bromoform	ND	0.425	--	ND	4.39	--		2.126
Styrene	ND	0.425	--	ND	1.81	--		2.126
1,1,2,2-Tetrachloroethane	ND	0.425	--	ND	2.92	--		2.126
o-Xylene	0.706	0.425	--	3.07	1.85	--		2.126
4-Ethyltoluene	ND	0.425	--	ND	2.09	--		2.126
1,3,5-Trimethylbenzene	ND	0.425	--	ND	2.09	--		2.126
1,2,4-Trimethylbenzene	0.478	0.425	--	2.35	2.09	--		2.126
Benzyl chloride	ND	0.425	--	ND	2.20	--		2.126
1,3-Dichlorobenzene	ND	0.425	--	ND	2.56	--		2.126
1,4-Dichlorobenzene	ND	0.425	--	ND	2.56	--		2.126
1,2-Dichlorobenzene	ND	0.425	--	ND	2.56	--		2.126
1,2,4-Trichlorobenzene	ND	0.425	--	ND	3.15	--		2.126
Hexachlorobutadiene	ND	0.425	--	ND	4.53	--		2.126

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-14
Client ID: PP-2-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 10:15
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/11/22 06:33
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	104		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	103		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-15 D
Client ID: R-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 13:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/23/22 00:22
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.522	0.388	--	2.58	1.92	--		1.939
Chloromethane	0.432	0.388	--	0.892	0.801	--		1.939
Freon-114	ND	0.388	--	ND	2.71	--		1.939
Vinyl chloride	ND	0.388	--	ND	0.992	--		1.939
1,3-Butadiene	ND	0.388	--	ND	0.858	--		1.939
Bromomethane	ND	0.388	--	ND	1.51	--		1.939
Chloroethane	ND	0.388	--	ND	1.02	--		1.939
Ethanol	11.9	9.70	--	22.4	18.3	--		1.939
Vinyl bromide	ND	0.388	--	ND	1.70	--		1.939
Acetone	6.34	1.94	--	15.1	4.61	--		1.939
Trichlorofluoromethane	ND	0.388	--	ND	2.18	--		1.939
Isopropanol	ND	0.970	--	ND	2.38	--		1.939
1,1-Dichloroethene	ND	0.388	--	ND	1.54	--		1.939
Tertiary butyl Alcohol	ND	0.970	--	ND	2.94	--		1.939
Methylene chloride	ND	0.970	--	ND	3.37	--		1.939
3-Chloropropene	ND	0.388	--	ND	1.21	--		1.939
Carbon disulfide	ND	0.388	--	ND	1.21	--		1.939
Freon-113	ND	0.388	--	ND	2.97	--		1.939
trans-1,2-Dichloroethene	ND	0.388	--	ND	1.54	--		1.939
1,1-Dichloroethane	ND	0.388	--	ND	1.57	--		1.939
Methyl tert butyl ether	ND	0.388	--	ND	1.40	--		1.939
2-Butanone	ND	0.970	--	ND	2.86	--		1.939
cis-1,2-Dichloroethene	0.704	0.388	--	2.79	1.54	--		1.939

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-15 D
Client ID: R-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 13:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.970	--	ND	3.50	--		1.939
Chloroform	ND	0.388	--	ND	1.89	--		1.939
Tetrahydrofuran	2.50	0.970	--	7.37	2.86	--		1.939
1,2-Dichloroethane	ND	0.388	--	ND	1.57	--		1.939
n-Hexane	ND	0.388	--	ND	1.37	--		1.939
1,1,1-Trichloroethane	ND	0.388	--	ND	2.12	--		1.939
Benzene	ND	0.388	--	ND	1.24	--		1.939
Carbon tetrachloride	ND	0.388	--	ND	2.44	--		1.939
Cyclohexane	ND	0.388	--	ND	1.34	--		1.939
1,2-Dichloropropane	ND	0.388	--	ND	1.79	--		1.939
Bromodichloromethane	ND	0.388	--	ND	2.60	--		1.939
1,4-Dioxane	ND	0.388	--	ND	1.40	--		1.939
Trichloroethene	0.450	0.388	--	2.42	2.09	--		1.939
2,2,4-Trimethylpentane	ND	0.388	--	ND	1.81	--		1.939
Heptane	ND	0.388	--	ND	1.59	--		1.939
cis-1,3-Dichloropropene	ND	0.388	--	ND	1.76	--		1.939
4-Methyl-2-pentanone	ND	0.970	--	ND	3.98	--		1.939
trans-1,3-Dichloropropene	ND	0.388	--	ND	1.76	--		1.939
1,1,2-Trichloroethane	ND	0.388	--	ND	2.12	--		1.939
Toluene	0.512	0.388	--	1.93	1.46	--		1.939
2-Hexanone	ND	0.388	--	ND	1.59	--		1.939
Dibromochloromethane	ND	0.388	--	ND	3.31	--		1.939
1,2-Dibromoethane	ND	0.388	--	ND	2.98	--		1.939
Tetrachloroethene	31.6	0.388	--	214	2.63	--		1.939
Chlorobenzene	ND	0.388	--	ND	1.79	--		1.939
Ethylbenzene	ND	0.388	--	ND	1.69	--		1.939

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-15 D
Client ID: R-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 13:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.776	--	ND	3.37	--		1.939
Bromoform	ND	0.388	--	ND	4.01	--		1.939
Styrene	ND	0.388	--	ND	1.65	--		1.939
1,1,2,2-Tetrachloroethane	ND	0.388	--	ND	2.66	--		1.939
o-Xylene	ND	0.388	--	ND	1.69	--		1.939
4-Ethyltoluene	ND	0.388	--	ND	1.91	--		1.939
1,3,5-Trimethylbenzene	ND	0.388	--	ND	1.91	--		1.939
1,2,4-Trimethylbenzene	ND	0.388	--	ND	1.91	--		1.939
Benzyl chloride	ND	0.388	--	ND	2.01	--		1.939
1,3-Dichlorobenzene	ND	0.388	--	ND	2.33	--		1.939
1,4-Dichlorobenzene	ND	0.388	--	ND	2.33	--		1.939
1,2-Dichlorobenzene	ND	0.388	--	ND	2.33	--		1.939
1,2,4-Trichlorobenzene	ND	0.388	--	ND	2.88	--		1.939
Hexachlorobutadiene	ND	0.388	--	ND	4.14	--		1.939

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	92		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-16
Client ID: R-3-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 14:09
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/11/22 07:02
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	92		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-17 D
Client ID: R-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:55
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/23/22 01:01
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.479	0.388	--	2.37	1.92	--		1.939
Chloromethane	ND	0.388	--	ND	0.801	--		1.939
Freon-114	ND	0.388	--	ND	2.71	--		1.939
Vinyl chloride	ND	0.388	--	ND	0.992	--		1.939
1,3-Butadiene	ND	0.388	--	ND	0.858	--		1.939
Bromomethane	ND	0.388	--	ND	1.51	--		1.939
Chloroethane	ND	0.388	--	ND	1.02	--		1.939
Ethanol	ND	9.70	--	ND	18.3	--		1.939
Vinyl bromide	ND	0.388	--	ND	1.70	--		1.939
Acetone	4.55	1.94	--	10.8	4.61	--		1.939
Trichlorofluoromethane	ND	0.388	--	ND	2.18	--		1.939
Isopropanol	ND	0.970	--	ND	2.38	--		1.939
1,1-Dichloroethene	ND	0.388	--	ND	1.54	--		1.939
Tertiary butyl Alcohol	ND	0.970	--	ND	2.94	--		1.939
Methylene chloride	ND	0.970	--	ND	3.37	--		1.939
3-Chloropropene	ND	0.388	--	ND	1.21	--		1.939
Carbon disulfide	0.460	0.388	--	1.43	1.21	--		1.939
Freon-113	ND	0.388	--	ND	2.97	--		1.939
trans-1,2-Dichloroethene	ND	0.388	--	ND	1.54	--		1.939
1,1-Dichloroethane	ND	0.388	--	ND	1.57	--		1.939
Methyl tert butyl ether	ND	0.388	--	ND	1.40	--		1.939
2-Butanone	1.04	0.970	--	3.07	2.86	--		1.939
cis-1,2-Dichloroethene	ND	0.388	--	ND	1.54	--		1.939

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-17 D
Client ID: R-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:55
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.970	--	ND	3.50	--		1.939
Chloroform	ND	0.388	--	ND	1.89	--		1.939
Tetrahydrofuran	3.10	0.970	--	9.14	2.86	--		1.939
1,2-Dichloroethane	ND	0.388	--	ND	1.57	--		1.939
n-Hexane	ND	0.388	--	ND	1.37	--		1.939
1,1,1-Trichloroethane	ND	0.388	--	ND	2.12	--		1.939
Benzene	0.838	0.388	--	2.68	1.24	--		1.939
Carbon tetrachloride	ND	0.388	--	ND	2.44	--		1.939
Cyclohexane	ND	0.388	--	ND	1.34	--		1.939
1,2-Dichloropropane	ND	0.388	--	ND	1.79	--		1.939
Bromodichloromethane	ND	0.388	--	ND	2.60	--		1.939
1,4-Dioxane	ND	0.388	--	ND	1.40	--		1.939
Trichloroethene	ND	0.388	--	ND	2.09	--		1.939
2,2,4-Trimethylpentane	ND	0.388	--	ND	1.81	--		1.939
Heptane	ND	0.388	--	ND	1.59	--		1.939
cis-1,3-Dichloropropene	ND	0.388	--	ND	1.76	--		1.939
4-Methyl-2-pentanone	ND	0.970	--	ND	3.98	--		1.939
trans-1,3-Dichloropropene	ND	0.388	--	ND	1.76	--		1.939
1,1,2-Trichloroethane	ND	0.388	--	ND	2.12	--		1.939
Toluene	0.502	0.388	--	1.89	1.46	--		1.939
2-Hexanone	ND	0.388	--	ND	1.59	--		1.939
Dibromochloromethane	ND	0.388	--	ND	3.31	--		1.939
1,2-Dibromoethane	ND	0.388	--	ND	2.98	--		1.939
Tetrachloroethene	ND	0.388	--	ND	2.63	--		1.939
Chlorobenzene	ND	0.388	--	ND	1.79	--		1.939
Ethylbenzene	ND	0.388	--	ND	1.69	--		1.939

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-17 D
Client ID: R-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:55
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.776	--	ND	3.37	--		1.939
Bromoform	ND	0.388	--	ND	4.01	--		1.939
Styrene	ND	0.388	--	ND	1.65	--		1.939
1,1,2,2-Tetrachloroethane	ND	0.388	--	ND	2.66	--		1.939
o-Xylene	ND	0.388	--	ND	1.69	--		1.939
4-Ethyltoluene	ND	0.388	--	ND	1.91	--		1.939
1,3,5-Trimethylbenzene	ND	0.388	--	ND	1.91	--		1.939
1,2,4-Trimethylbenzene	ND	0.388	--	ND	1.91	--		1.939
Benzyl chloride	ND	0.388	--	ND	2.01	--		1.939
1,3-Dichlorobenzene	ND	0.388	--	ND	2.33	--		1.939
1,4-Dichlorobenzene	ND	0.388	--	ND	2.33	--		1.939
1,2-Dichlorobenzene	ND	0.388	--	ND	2.33	--		1.939
1,2,4-Trichlorobenzene	ND	0.388	--	ND	2.88	--		1.939
Hexachlorobutadiene	ND	0.388	--	ND	4.14	--		1.939

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	92		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-18
Client ID: R-2-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 12:13
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/11/22 07:31
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	89		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-19 D
Client ID: R-23
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 12:55
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/23/22 01:40
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.491	0.455	--	2.43	2.25	--		2.273
Chloromethane	0.525	0.455	--	1.08	0.940	--		2.273
Freon-114	ND	0.455	--	ND	3.18	--		2.273
Vinyl chloride	ND	0.455	--	ND	1.16	--		2.273
1,3-Butadiene	ND	0.455	--	ND	1.01	--		2.273
Bromomethane	ND	0.455	--	ND	1.77	--		2.273
Chloroethane	ND	0.455	--	ND	1.20	--		2.273
Ethanol	15.9	11.4	--	30.0	21.5	--		2.273
Vinyl bromide	ND	0.455	--	ND	1.99	--		2.273
Acetone	6.15	2.27	--	14.6	5.39	--		2.273
Trichlorofluoromethane	0.500	0.455	--	2.81	2.56	--		2.273
Isopropanol	ND	1.14	--	ND	2.80	--		2.273
1,1-Dichloroethene	ND	0.455	--	ND	1.80	--		2.273
Tertiary butyl Alcohol	ND	1.14	--	ND	3.46	--		2.273
Methylene chloride	ND	1.14	--	ND	3.96	--		2.273
3-Chloropropene	ND	0.455	--	ND	1.42	--		2.273
Carbon disulfide	ND	0.455	--	ND	1.42	--		2.273
Freon-113	ND	0.455	--	ND	3.49	--		2.273
trans-1,2-Dichloroethene	ND	0.455	--	ND	1.80	--		2.273
1,1-Dichloroethane	ND	0.455	--	ND	1.84	--		2.273
Methyl tert butyl ether	ND	0.455	--	ND	1.64	--		2.273
2-Butanone	ND	1.14	--	ND	3.36	--		2.273
cis-1,2-Dichloroethene	ND	0.455	--	ND	1.80	--		2.273

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-19 D
Client ID: R-23
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 12:55
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.14	--	ND	4.11	--		2.273
Chloroform	ND	0.455	--	ND	2.22	--		2.273
Tetrahydrofuran	1.54	1.14	--	4.54	3.36	--		2.273
1,2-Dichloroethane	ND	0.455	--	ND	1.84	--		2.273
n-Hexane	ND	0.455	--	ND	1.60	--		2.273
1,1,1-Trichloroethane	ND	0.455	--	ND	2.48	--		2.273
Benzene	0.546	0.455	--	1.74	1.45	--		2.273
Carbon tetrachloride	ND	0.455	--	ND	2.86	--		2.273
Cyclohexane	ND	0.455	--	ND	1.57	--		2.273
1,2-Dichloropropane	ND	0.455	--	ND	2.10	--		2.273
Bromodichloromethane	ND	0.455	--	ND	3.05	--		2.273
1,4-Dioxane	ND	0.455	--	ND	1.64	--		2.273
Trichloroethene	ND	0.455	--	ND	2.45	--		2.273
2,2,4-Trimethylpentane	ND	0.455	--	ND	2.13	--		2.273
Heptane	ND	0.455	--	ND	1.86	--		2.273
cis-1,3-Dichloropropene	ND	0.455	--	ND	2.07	--		2.273
4-Methyl-2-pentanone	ND	1.14	--	ND	4.67	--		2.273
trans-1,3-Dichloropropene	ND	0.455	--	ND	2.07	--		2.273
1,1,2-Trichloroethane	ND	0.455	--	ND	2.48	--		2.273
Toluene	0.646	0.455	--	2.43	1.71	--		2.273
2-Hexanone	ND	0.455	--	ND	1.86	--		2.273
Dibromochloromethane	ND	0.455	--	ND	3.88	--		2.273
1,2-Dibromoethane	ND	0.455	--	ND	3.50	--		2.273
Tetrachloroethene	ND	0.455	--	ND	3.09	--		2.273
Chlorobenzene	ND	0.455	--	ND	2.10	--		2.273
Ethylbenzene	ND	0.455	--	ND	1.98	--		2.273

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-19 D
Client ID: R-23
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 12:55
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.909	--	ND	3.95	--		2.273
Bromoform	ND	0.455	--	ND	4.70	--		2.273
Styrene	ND	0.455	--	ND	1.94	--		2.273
1,1,2,2-Tetrachloroethane	ND	0.455	--	ND	3.12	--		2.273
o-Xylene	ND	0.455	--	ND	1.98	--		2.273
4-Ethyltoluene	ND	0.455	--	ND	2.24	--		2.273
1,3,5-Trimethylbenzene	ND	0.455	--	ND	2.24	--		2.273
1,2,4-Trimethylbenzene	ND	0.455	--	ND	2.24	--		2.273
Benzyl chloride	ND	0.455	--	ND	2.36	--		2.273
1,3-Dichlorobenzene	ND	0.455	--	ND	2.74	--		2.273
1,4-Dichlorobenzene	ND	0.455	--	ND	2.74	--		2.273
1,2-Dichlorobenzene	ND	0.455	--	ND	2.74	--		2.273
1,2,4-Trichlorobenzene	ND	0.455	--	ND	3.38	--		2.273
Hexachlorobutadiene	ND	0.455	--	ND	4.85	--		2.273

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	92		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-20
Client ID: R-23-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 13:15
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/11/22 08:01
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	93		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/10/22 10:56

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Mercaptans & Sulfides in Air - Mansfield Lab for sample(s): 02,04,06,08,10,12,14,16,18,20 Batch: WG1603568-4								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1
Carbonyl sulfide	ND	2.50	--	ND	6.14	--		1
Methyl mercaptan	ND	2.50	--	ND	4.92	--		1
Ethyl mercaptan	ND	0.500	--	ND	1.27	--		1
Dimethyl sulfide	ND	0.500	--	ND	1.27	--		1
Carbon disulfide	ND	0.500	--	ND	1.56	--		1
Isopropyl Mercaptan	ND	0.500	--	ND	1.56	--		1
tert-Butyl Mercaptan	ND	0.500	--	ND	1.84	--		1
N-Propyl Mercaptan	ND	0.500	--	ND	1.56	--		1
Ethyl Methyl Sulfide	ND	0.500	--	ND	1.56	--		1
Thiophene	ND	0.500	--	ND	1.72	--		1
Isobutyl Mercaptan	ND	0.500	--	ND	1.84	--		1
Diethyl Sulfide	ND	0.500	--	ND	1.84	--		1
n-Butyl Mercaptan	ND	2.00	--	ND	7.38	--		1
Dimethyl Disulfide	ND	0.500	--	ND	1.93	--		1
3-Methylthiophene	ND	0.500	--	ND	2.01	--		1
Tetrahydrothiophene	ND	0.500	--	ND	1.80	--		1
2-Ethylthiophene	ND	0.500	--	ND	2.29	--		1
2,5-Dimethylthiophene	ND	0.500	--	ND	2.29	--		1
Diethyl disulfide	ND	0.500	--	ND	2.50	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/22/22 17:45

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607957-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/22/22 17:45

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607957-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/22/22 17:45

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607957-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 02/22/22 18:24

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1607958-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2206828

Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Mercaptans & Sulfides in Air - Mansfield Lab	Associated sample(s): 02,04,06,08,10,12,14,16,18,20		Batch: WG1603568-3					
Hydrogen Sulfide	72		-		70-130	-		
Carbonyl sulfide	71		-		70-130	-		
Methyl mercaptan	77		-		70-130	-		
Ethyl mercaptan	76		-		70-130	-		
Dimethyl sulfide	73		-		70-130	-		
Carbon disulfide	89		-		70-130	-		
Isopropyl Mercaptan	87		-		70-130	-		
tert-Butyl Mercaptan	90		-		70-130	-		
N-Propyl Mercaptan	102		-		70-130	-		
Ethyl Methyl Sulfide	95		-		70-130	-		
Thiophene	79		-		70-130	-		
Isobutyl Mercaptan	88		-		70-130	-		
Diethyl Sulfide	78		-		70-130	-		
n-Butyl Mercaptan	78		-		70-130	-		
Dimethyl Disulfide	82		-		70-130	-		
3-Methylthiophene	75		-		70-130	-		
Tetrahydrothiophene	76		-		70-130	-		
2-Ethylthiophene	74		-		70-130	-		
2,5-Dimethylthiophene	79		-		70-130	-		
Diethyl disulfide	76		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607957-3								
Dichlorodifluoromethane	91		-		70-130	-		
Chloromethane	110		-		70-130	-		
Freon-114	104		-		70-130	-		
Vinyl chloride	99		-		70-130	-		
1,3-Butadiene	107		-		70-130	-		
Bromomethane	100		-		70-130	-		
Chloroethane	85		-		70-130	-		
Ethanol	94		-		40-160	-		
Vinyl bromide	88		-		70-130	-		
Acetone	104		-		40-160	-		
Trichlorofluoromethane	70		-		70-130	-		
Isopropanol	90		-		40-160	-		
1,1-Dichloroethene	89		-		70-130	-		
Tertiary butyl Alcohol	73		-		70-130	-		
Methylene chloride	101		-		70-130	-		
3-Chloropropene	91		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
Freon-113	95		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	91		-		70-130	-		
Methyl tert butyl ether	74		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	94		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607957-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	92		-		70-130	-		
Tetrahydrofuran	90		-		70-130	-		
1,2-Dichloroethane	78		-		70-130	-		
n-Hexane	107		-		70-130	-		
1,1,1-Trichloroethane	92		-		70-130	-		
Benzene	105		-		70-130	-		
Carbon tetrachloride	90		-		70-130	-		
Cyclohexane	112		-		70-130	-		
1,2-Dichloropropane	116		-		70-130	-		
Bromodichloromethane	107		-		70-130	-		
1,4-Dioxane	118		-		70-130	-		
Trichloroethene	112		-		70-130	-		
2,2,4-Trimethylpentane	115		-		70-130	-		
Heptane	120		-		70-130	-		
cis-1,3-Dichloropropene	114		-		70-130	-		
4-Methyl-2-pentanone	122		-		70-130	-		
trans-1,3-Dichloropropene	95		-		70-130	-		
1,1,2-Trichloroethane	126		-		70-130	-		
Toluene	112		-		70-130	-		
2-Hexanone	127		-		70-130	-		
Dibromochloromethane	116		-		70-130	-		
1,2-Dibromoethane	121		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1607957-3								
Tetrachloroethene	104		-		70-130	-		
Chlorobenzene	117		-		70-130	-		
Ethylbenzene	127		-		70-130	-		
p/m-Xylene	127		-		70-130	-		
Bromoform	112		-		70-130	-		
Styrene	123		-		70-130	-		
1,1,2,2-Tetrachloroethane	**137**	Q	-		70-130	-		
o-Xylene	130		-		70-130	-		
4-Ethyltoluene	120		-		70-130	-		
1,3,5-Trimethylbenzene	119		-		70-130	-		
1,2,4-Trimethylbenzene	121		-		70-130	-		
Benzyl chloride	101		-		70-130	-		
1,3-Dichlorobenzene	119		-		70-130	-		
1,4-Dichlorobenzene	120		-		70-130	-		
1,2-Dichlorobenzene	116		-		70-130	-		
1,2,4-Trichlorobenzene	111		-		70-130	-		
Hexachlorobutadiene	114		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1607958-3								
Vinyl chloride	105		-		70-130	-		25
1,1-Dichloroethene	93		-		70-130	-		25
cis-1,2-Dichloroethene	97		-		70-130	-		25
1,1,1-Trichloroethane	99		-		70-130	-		25
Carbon tetrachloride	89		-		70-130	-		25
Trichloroethene	118		-		70-130	-		25
Tetrachloroethene	112		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607957-5 QC Sample: L2206828-09 Client ID: IA-3						
Dichlorodifluoromethane	0.511	0.497	ppbV	3		25
Chloromethane	0.736	0.732	ppbV	1		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	22.7	21.5	ppbV	5		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	6.64	6.63	ppbV	0		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	9.38	9.16	ppbV	2		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	0.520	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607957-5 QC Sample: L2206828-09 Client ID: IA-3						
Chloroform	0.466	0.442	ppbV	5		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.403	0.356	ppbV	12		25
Benzene	0.453	0.412	ppbV	9		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	0.472	0.418	ppbV	12		25
Heptane	0.299	0.269	ppbV	11		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	1.46	1.27	ppbV	14		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.241	0.200	ppbV	19		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1607957-5 QC Sample: L2206828-09 Client ID: IA-3						
p/m-Xylene	0.798	0.686	ppbV	15		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.330	0.288	ppbV	14		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.329	0.318	ppbV	3		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1607958-5 QC Sample: L2206828-09 Client ID: IA-3						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.080	0.070	ppbV	13		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	0.031	0.029	ppbV	7		25

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-01 D
Client ID: AMB2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 07:59
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 51,3C
Analytical Date: 02/23/22 17:50
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.143	--	1.429

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-03 D
Client ID: GAR2022
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:49
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 51,3C
Analytical Date: 02/23/22 18:38
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-05 D
Client ID: IA-1
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 51,3C
Analytical Date: 02/23/22 19:27
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-07 D
Client ID: IA-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:54
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 51,3C
Analytical Date: 02/23/22 20:15
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-09 D
Client ID: IA-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 51,3C
Analytical Date: 02/23/22 21:04
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-11 D
Client ID: PP-1
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 10:36
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/23/22 21:52
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.192	--	1.923

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-13 D
Client ID: PP-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 09:57
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/23/22 22:41
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.213	--	2.128

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-15 D
Client ID: R-3
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 13:51
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/23/22 23:29
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.192	--	1.923

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-17 D
Client ID: R-2
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 11:55
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/24/22 00:18
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.192	--	1.923

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

SAMPLE RESULTS

Lab ID: L2206828-19 D
Client ID: R-23
Sample Location: 70 NARDOZZI PL

Date Collected: 02/09/22 12:55
Date Received: 02/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/24/22 01:06
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.227	--	2.273

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2206828
Report Date: 02/24/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 51,3C
Analytical Date: 02/23/22 07:04
Analyst: AR

Parameter	Result	Qualifier	Units	RL	MDL
Fixed Gases by GC - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1608478-3					
Nitrogen	ND		%	1.00	--
Oxygen	ND		%	1.00	--
Carbon Dioxide	ND		%	0.100	--
Methane	ND		%	0.100	--
Carbon Monoxide	ND		%	0.100	--
Helium	ND		%	0.100	--

Lab Control Sample Analysis

Batch Quality Control

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2206828

Report Date: 02/24/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab	Associated sample(s): 01,03,05,07,09,11,13,15,17,19		Batch: WG1608478-2					
Nitrogen	104		-		80-120	-		
Oxygen	102		-		80-120	-		
Carbon Dioxide	106		-		80-120	-		
Methane	113		-		80-120	-		
Carbon Monoxide	110		-		80-120	-		
Helium	98		-		80-120	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-10 QC Sample: L2206828-13 Client ID: PP-2						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-11 QC Sample: L2206828-15 Client ID: R-3						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-12 QC Sample: L2206828-17 Client ID: R-2						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-13 QC Sample: L2206828-19 Client ID: R-23						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-14 QC Sample: L2206795-01 Client ID: DUP Sample						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-15 QC Sample: L2206795-02 Client ID: DUP Sample						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-4 QC Sample: L2206828-01 Client ID: AMB2022						
Methane	ND	ND	%	NC		5

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-5 QC Sample: L2206828-03 Client ID: GAR2022						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-6 QC Sample: L2206828-05 Client ID: IA-1						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-7 QC Sample: L2206828-07 Client ID: IA-2						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-8 QC Sample: L2206828-09 Client ID: IA-3						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608478-9 QC Sample: L2206828-11 Client ID: PP-1						
Methane	ND	ND	%	NC		5

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2206828

Report Date: 02/24/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2206828-01	AMB2022	0676	Flow 4	02/07/22	372211		-	-	-	Pass	3.0	2.1	35
L2206828-01	AMB2022	3568	6.0L Can	02/07/22	372211	L2205085-04	Pass	-28.9	-1.1	-	-	-	-
L2206828-03	GAR2022	0586	Flow 5	02/07/22	372211		-	-	-	Pass	3.0	2.8	7
L2206828-03	GAR2022	1601	6.0L Can	02/07/22	372211	L2205085-04	Pass	-29.2	-8.9	-	-	-	-
L2206828-05	IA-1	0631	Flow 4	02/07/22	372211		-	-	-	Pass	3.0	2.9	3
L2206828-05	IA-1	724	6.0L Can	02/07/22	372211	L2205085-04	Pass	-28.7	-9.7	-	-	-	-
L2206828-07	IA-2	0204	Flow 5	02/07/22	372211		-	-	-	Pass	3.0	2.6	14
L2206828-07	IA-2	2930	6.0L Can	02/07/22	372211	L2205085-04	Pass	-29.2	-8.6	-	-	-	-
L2206828-09	IA-3	0829	Flow 5	02/07/22	372211		-	-	-	Pass	3.0	2.8	7
L2206828-09	IA-3	2943	6.0L Can	02/07/22	372211	L2205085-04	Pass	-29.1	-10.4	-	-	-	-
L2206828-11	PP-1	0611	SV200	02/07/22	372211		-	-	-	Pass	217	205	6
L2206828-11	PP-1	676	1.0L Can	02/07/22	372211	L2204954-05	Pass	-29.3	0.0	-	-	-	-
L2206828-13	PP-2	0995	SV200	02/07/22	372211		-	-	-	Pass	218	206	6
L2206828-13	PP-2	751	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.9	0.0	-	-	-	-
L2206828-15	R-3	0861	SV200	02/07/22	372211		-	-	-	Pass	210	199	5

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2206828

Report Date: 02/24/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2206828-15	R-3	712	1.0L Can	02/07/22	372211	L2204414-07	Pass	-29.0	0.0	-	-	-	-
L2206828-17	R-2	01906	SV200	02/07/22	372211		-	-	-	Pass	217	206	5
L2206828-17	R-2	800	1.0L Can	02/07/22	372211	L2204414-07	Pass	-28.9	0.0	-	-	-	-
L2206828-19	R-23	01599	SV200	02/07/22	372211		-	-	-	Pass	220	207	6
L2206828-19	R-23	3543	1.0L Can	02/07/22	372211	L2205332-07	Pass	-29.0	-1.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/27/22 23:11
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/27/22 23:11
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2204954
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/31/22 19:59
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2204954
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/31/22 19:59
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205085-04
Client ID: CAN 1846 SHELF 37
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/02/22 03:29
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205085-04
Client ID: CAN 1846 SHELF 37
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205085-04
Client ID: CAN 1846 SHELF 37
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205085-04
Client ID: CAN 1846 SHELF 37
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205085-04
Client ID: CAN 1846 SHELF 37
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205085-04
Client ID: CAN 1846 SHELF 37
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/02/22 03:29
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205085-04
Client ID: CAN 1846 SHELF 37
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205085-04
Client ID: CAN 1846 SHELF 37
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	88		60-140
bromochloromethane	82		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/03/22 01:18
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/03/22 01:18
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/24/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	100		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2206828-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30),FIXGAS(30)
L2206828-02A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-02X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-03A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30),TO15-SIM(30)
L2206828-04A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-04X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-05A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30),TO15-SIM(30)
L2206828-06A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-06X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-07A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-SIM(30),TO15-LL(30)
L2206828-08A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-08X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-09A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-SIM(30),TO15-LL(30)
L2206828-10A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-10X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-11A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2206828-12A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-12X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-13A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2206828-14A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-14X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-15A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L2206828-16A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)

*Values in parentheses indicate holding time in days

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2206828
Report Date: 02/24/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2206828-16X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-17A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2206828-18A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-18X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-19A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2206828-20A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2206828-20X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)

*Values in parentheses indicate holding time in days

Project Name:	NARDOZZI	**Lab Number:**	L2206828
Project Number:	2015.191	**Report Date:**	02/24/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

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Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

51 Determination of Carbon Dioxide, Methane, Nitrogen and Oxygen from Stationary Sources. Method 3C. Appendix A, Part 60, 40 CFR (Code of Federal Regulations). June 20, 1996.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE 1 OF 2

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2-10-22

ALPHA Job #: L2206828

Client Information

Client: JM Sorge Inc
Address: 57 Fourth St
Garfield, NJ 07026
Phone: 908 818 0060
Fax: 908 218 9185
Email: cward@jmsorge.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordoff
Project Location: 70 Nordoff, PI
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15 + Oxygenates + Acetone	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
06828-01	AMB2022	2/9/22	10:29	7:59	-30.55	-3.61	AA	CW	6L	3608	0676	X						
02	AMB2022-H2S		7:45	7:58	—	—			5L	—	—					X		
03	GAR2022		11:04	11:49	-30.54	-9.9			6L	1001	0586	X						
04	GAR2022-H2S		8:12	8:22	—	—			5L	—	—					X		
05	IA-1		11:22	11:51	-30.50	-13.07			6L	724	0621	X						
06	IA-1-H2S		8:29	8:41	—	—			5L	—	—					X		
07	IA-2		11:35	11:54	-30.71	-9.32			6L	2430	0804	X						
08	IA-2-H2S		8:48	9:00	—	—			5L	—	—					X		
09	IA-3		11:42	11:51	-30.43	-10.66			6L	2443	0859	X						
10	IA-3-H2S		9:04	9:15	—	—			5L	—	—					X		
									Container Type			6				1		

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Relinquished By:	Date/Time	Received By:	Date/Time:
2/10/22 0530			
Cassandra Ward	2/9/22 14:10	Air Lite	2/9/22 14:10
Air Lite	2/9/22 15:23	Blue Jack AAL	2/9/22 15:23
Blue Jack AAL	2/9/22 1523	Anthony Green	2/9/22 2000
Anthony Green	2/9/22		2/10/22 0530

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

AIR ANALYSIS

ALPHA ANALYTICAL — CHAIN OF CUSTODY

PAGE 2 OF 2

Date Rec'd in Lab: 2-10-22

ALPHA Job #: L2206828

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: JM Sorge Inc.
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: cward@jmsorge.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordoz2
Project Location: 70 Nordoz2 Pl
Project #: 2015191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15 + Carbon disulfide + acetylene	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
11	PP-1	2/9/22	10:31	10:36	-29.62	-4.66	SV	CW	1L	6776	0611	X						
12	PP-1-H2S		10:49	11:09	—	—			5L	—	—						X	
13	PP-2		9:52	9:57	-30.12	-1.59			1L	751	0995	X						
14	PP-2-H2S		10:03	10:15	—	—			5L	—	—						X	
15	R-3		13:46	13:51	-30.20	-1.98			1L	712	0861	X						
16	R-3-H2S		13:56	14:09	—	—			5L	—	—						X	
17	R-2		11:50	11:55	-29.5	-1.82			1L	800	01900	X						
18	R-2-H2S		12:01	12:13	—	—			5L	—	—						X	
19	R-23		12:50	12:55	-30.28	-3.22			1L	3543	01594	X						
20	R-23-H2S		13:02	13:15	—	—			5L	—	—						X	

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6 T

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Cassandra Ward	2/9/22 14:10		2/9/22 14:10
	2/9/22 15:23	Bruce Jones AAL	2/9/22 15:23
Bruce Jones AAL	2/9/22 15:23		2/9/22 2000
	2/9/22		

2/10/22 0530

ANALYTICAL REPORT

Lab Number:	L2207305
Client:	JM Sorge, Inc. Environmental Consultants 57 Fourth Street Somerville, NJ 08876
ATTN:	Cassandra Ward
Phone:	(908) 218-0066
Project Name:	NARDOZZI
Project Number:	2015.191
Report Date:	02/25/22

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2207305-01	R-22	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 07:42	02/10/22
L2207305-02	R-22-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 08:12	02/10/22
L2207305-03	R-21	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 08:23	02/10/22
L2207305-04	R-21-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 08:28	02/10/22
L2207305-05	R-20	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 08:41	02/10/22
L2207305-06	R-20-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 08:57	02/10/22
L2207305-07	R-18/19	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 08:35	02/10/22
L2207305-08	R-18/19-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 09:58	02/10/22
L2207305-09	R-17	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 10:06	02/10/22
L2207305-10	R-17-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 10:22	02/10/22
L2207305-11	R-4/5	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 10:46	02/10/22
L2207305-12	R-4/5-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 11:05	02/10/22
L2207305-13	R-13	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 12:17	02/10/22
L2207305-14	R-13-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 12:34	02/10/22
L2207305-15	R-14	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 11:51	02/10/22
L2207305-16	R-14-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 12:08	02/10/22
L2207305-17	R-15	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 12:47	02/10/22
L2207305-18	R-15-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 13:03	02/10/22
L2207305-19	R-16	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 13:10	02/10/22
L2207305-20	R-16-H2S	SOIL_VAPOR	70 NARDOZZI PL	02/10/22 13:25	02/10/22
L2207305-21	UNUSED_CAN702	SOIL_VAPOR	70 NARDOZZI PL		02/10/22
L2207305-22	UNUSED_CAN682	SOIL_VAPOR	70 NARDOZZI PL		02/10/22
L2207305-23	UNUSED_CAN1932	SOIL_VAPOR	70 NARDOZZI PL		02/10/22

Project Name:	NARDOZZI	**Lab Number:**	L2207305
Project Number:	2015.191	**Report Date:**	02/25/22

Case Narrative

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

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

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

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

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

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

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 7, 2022. The canister certification results are provided as an addendum.

Sample Receipt

The sample designated R-20-H2S (L2207305-06) was received empty, the analysis was cancelled.

Volatile Organics in Air

L2207305-01D, -03D, -05D, -07D, -09D, -11D, -13D, -15D, -17D, and -19D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

Air

L2207305-01D, -03D, -05D, -07D, -09D, -11D, -13D, -15D, -17D, and -19D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

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

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 02/25/22

AIR

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-01 D
Client ID: R-22
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 07:42
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/23/22 23:06
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.574	0.396	--	2.84	1.96	--		1.979
Chloromethane	0.461	0.396	--	0.952	0.818	--		1.979
Freon-114	ND	0.396	--	ND	2.77	--		1.979
Vinyl chloride	ND	0.396	--	ND	1.01	--		1.979
1,3-Butadiene	ND	0.396	--	ND	0.876	--		1.979
Bromomethane	ND	0.396	--	ND	1.54	--		1.979
Chloroethane	ND	0.396	--	ND	1.04	--		1.979
Ethanol	ND	9.90	--	ND	18.7	--		1.979
Vinyl bromide	ND	0.396	--	ND	1.73	--		1.979
Acetone	4.87	1.98	--	11.6	4.70	--		1.979
Trichlorofluoromethane	ND	0.396	--	ND	2.23	--		1.979
Isopropanol	ND	0.990	--	ND	2.43	--		1.979
1,1-Dichloroethene	ND	0.396	--	ND	1.57	--		1.979
Tertiary butyl Alcohol	ND	0.990	--	ND	3.00	--		1.979
Methylene chloride	ND	0.990	--	ND	3.44	--		1.979
3-Chloropropene	ND	0.396	--	ND	1.24	--		1.979
Carbon disulfide	ND	0.396	--	ND	1.23	--		1.979
Freon-113	ND	0.396	--	ND	3.04	--		1.979
trans-1,2-Dichloroethene	ND	0.396	--	ND	1.57	--		1.979
1,1-Dichloroethane	ND	0.396	--	ND	1.60	--		1.979
Methyl tert butyl ether	ND	0.396	--	ND	1.43	--		1.979
2-Butanone	ND	0.990	--	ND	2.92	--		1.979
cis-1,2-Dichloroethene	ND	0.396	--	ND	1.57	--		1.979

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-01 D
Client ID: R-22
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 07:42
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.990	--	ND	3.57	--		1.979
Chloroform	ND	0.396	--	ND	1.93	--		1.979
Tetrahydrofuran	1.44	0.990	--	4.25	2.92	--		1.979
1,2-Dichloroethane	ND	0.396	--	ND	1.60	--		1.979
n-Hexane	ND	0.396	--	ND	1.40	--		1.979
1,1,1-Trichloroethane	ND	0.396	--	ND	2.16	--		1.979
Benzene	ND	0.396	--	ND	1.27	--		1.979
Carbon tetrachloride	ND	0.396	--	ND	2.49	--		1.979
Cyclohexane	ND	0.396	--	ND	1.36	--		1.979
1,2-Dichloropropane	ND	0.396	--	ND	1.83	--		1.979
Bromodichloromethane	ND	0.396	--	ND	2.65	--		1.979
1,4-Dioxane	ND	0.396	--	ND	1.43	--		1.979
Trichloroethene	ND	0.396	--	ND	2.13	--		1.979
2,2,4-Trimethylpentane	ND	0.396	--	ND	1.85	--		1.979
Heptane	ND	0.396	--	ND	1.62	--		1.979
cis-1,3-Dichloropropene	ND	0.396	--	ND	1.80	--		1.979
4-Methyl-2-pentanone	ND	0.990	--	ND	4.06	--		1.979
trans-1,3-Dichloropropene	ND	0.396	--	ND	1.80	--		1.979
1,1,2-Trichloroethane	ND	0.396	--	ND	2.16	--		1.979
Toluene	0.509	0.396	--	1.92	1.49	--		1.979
2-Hexanone	ND	0.396	--	ND	1.62	--		1.979
Dibromochloromethane	ND	0.396	--	ND	3.37	--		1.979
1,2-Dibromoethane	ND	0.396	--	ND	3.04	--		1.979
Tetrachloroethene	ND	0.396	--	ND	2.69	--		1.979
Chlorobenzene	ND	0.396	--	ND	1.82	--		1.979
Ethylbenzene	ND	0.396	--	ND	1.72	--		1.979

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-01 D
Client ID: R-22
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 07:42
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.792	--	ND	3.44	--		1.979
Bromoform	ND	0.396	--	ND	4.09	--		1.979
Styrene	ND	0.396	--	ND	1.69	--		1.979
1,1,2,2-Tetrachloroethane	ND	0.396	--	ND	2.72	--		1.979
o-Xylene	ND	0.396	--	ND	1.72	--		1.979
4-Ethyltoluene	ND	0.396	--	ND	1.95	--		1.979
1,3,5-Trimethylbenzene	ND	0.396	--	ND	1.95	--		1.979
1,2,4-Trimethylbenzene	ND	0.396	--	ND	1.95	--		1.979
Benzyl chloride	ND	0.396	--	ND	2.05	--		1.979
1,3-Dichlorobenzene	ND	0.396	--	ND	2.38	--		1.979
1,4-Dichlorobenzene	ND	0.396	--	ND	2.38	--		1.979
1,2-Dichlorobenzene	ND	0.396	--	ND	2.38	--		1.979
1,2,4-Trichlorobenzene	ND	0.396	--	ND	2.94	--		1.979
Hexachlorobutadiene	ND	0.396	--	ND	4.22	--		1.979

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	97		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-02
Client ID: R-22-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:12
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/11/22 22:21
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	107		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-03 D
Client ID: R-21
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:23
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/23/22 23:45
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.542	0.437	--	2.68	2.16	--		2.185
Chloromethane	0.660	0.437	--	1.36	0.902	--		2.185
Freon-114	ND	0.437	--	ND	3.05	--		2.185
Vinyl chloride	ND	0.437	--	ND	1.12	--		2.185
1,3-Butadiene	ND	0.437	--	ND	0.967	--		2.185
Bromomethane	ND	0.437	--	ND	1.70	--		2.185
Chloroethane	ND	0.437	--	ND	1.15	--		2.185
Ethanol	ND	10.9	--	ND	20.5	--		2.185
Vinyl bromide	ND	0.437	--	ND	1.91	--		2.185
Acetone	36.2	2.18	--	86.0	5.18	--		2.185
Trichlorofluoromethane	ND	0.437	--	ND	2.46	--		2.185
Isopropanol	1.70	1.09	--	4.18	2.68	--		2.185
1,1-Dichloroethene	ND	0.437	--	ND	1.73	--		2.185
Tertiary butyl Alcohol	3.43	1.09	--	10.4	3.30	--		2.185
Methylene chloride	ND	1.09	--	ND	3.79	--		2.185
3-Chloropropene	ND	0.437	--	ND	1.37	--		2.185
Carbon disulfide	ND	0.437	--	ND	1.36	--		2.185
Freon-113	ND	0.437	--	ND	3.35	--		2.185
trans-1,2-Dichloroethene	ND	0.437	--	ND	1.73	--		2.185
1,1-Dichloroethane	ND	0.437	--	ND	1.77	--		2.185
Methyl tert butyl ether	0.658	0.437	--	2.37	1.58	--		2.185
2-Butanone	5.46	1.09	--	16.1	3.21	--		2.185
cis-1,2-Dichloroethene	ND	0.437	--	ND	1.73	--		2.185

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-03 D
Client ID: R-21
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:23
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.09	--	ND	3.93	--		2.185
Chloroform	ND	0.437	--	ND	2.13	--		2.185
Tetrahydrofuran	10.6	1.09	--	31.3	3.21	--		2.185
1,2-Dichloroethane	ND	0.437	--	ND	1.77	--		2.185
n-Hexane	0.974	0.437	--	3.43	1.54	--		2.185
1,1,1-Trichloroethane	ND	0.437	--	ND	2.38	--		2.185
Benzene	0.942	0.437	--	3.01	1.40	--		2.185
Carbon tetrachloride	ND	0.437	--	ND	2.75	--		2.185
Cyclohexane	ND	0.437	--	ND	1.50	--		2.185
1,2-Dichloropropane	ND	0.437	--	ND	2.02	--		2.185
Bromodichloromethane	ND	0.437	--	ND	2.93	--		2.185
1,4-Dioxane	ND	0.437	--	ND	1.57	--		2.185
Trichloroethene	ND	0.437	--	ND	2.35	--		2.185
2,2,4-Trimethylpentane	0.970	0.437	--	4.53	2.04	--		2.185
Heptane	0.538	0.437	--	2.20	1.79	--		2.185
cis-1,3-Dichloropropene	ND	0.437	--	ND	1.98	--		2.185
4-Methyl-2-pentanone	ND	1.09	--	ND	4.47	--		2.185
trans-1,3-Dichloropropene	ND	0.437	--	ND	1.98	--		2.185
1,1,2-Trichloroethane	ND	0.437	--	ND	2.38	--		2.185
Toluene	1.87	0.437	--	7.05	1.65	--		2.185
2-Hexanone	ND	0.437	--	ND	1.79	--		2.185
Dibromochloromethane	ND	0.437	--	ND	3.72	--		2.185
1,2-Dibromoethane	ND	0.437	--	ND	3.36	--		2.185
Tetrachloroethene	ND	0.437	--	ND	2.96	--		2.185
Chlorobenzene	ND	0.437	--	ND	2.01	--		2.185
Ethylbenzene	ND	0.437	--	ND	1.90	--		2.185

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-03 D
Client ID: R-21
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:23
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.950	0.874	--	4.13	3.80	--		2.185
Bromoform	ND	0.437	--	ND	4.52	--		2.185
Styrene	ND	0.437	--	ND	1.86	--		2.185
1,1,2,2-Tetrachloroethane	ND	0.437	--	ND	3.00	--		2.185
o-Xylene	ND	0.437	--	ND	1.90	--		2.185
4-Ethyltoluene	ND	0.437	--	ND	2.15	--		2.185
1,3,5-Trimethylbenzene	ND	0.437	--	ND	2.15	--		2.185
1,2,4-Trimethylbenzene	ND	0.437	--	ND	2.15	--		2.185
Benzyl chloride	ND	0.437	--	ND	2.26	--		2.185
1,3-Dichlorobenzene	ND	0.437	--	ND	2.63	--		2.185
1,4-Dichlorobenzene	ND	0.437	--	ND	2.63	--		2.185
1,2-Dichlorobenzene	ND	0.437	--	ND	2.63	--		2.185
1,2,4-Trichlorobenzene	ND	0.437	--	ND	3.24	--		2.185
Hexachlorobutadiene	ND	0.437	--	ND	4.66	--		2.185

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	103		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-04
Client ID: R-21-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:28
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/11/22 22:51
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	92		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-05 D
Client ID: R-20
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:41
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/24/22 00:25
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.580	0.399	--	2.87	1.97	--		1.993
Chloromethane	ND	0.399	--	ND	0.824	--		1.993
Freon-114	ND	0.399	--	ND	2.79	--		1.993
Vinyl chloride	ND	0.399	--	ND	1.02	--		1.993
1,3-Butadiene	ND	0.399	--	ND	0.883	--		1.993
Bromomethane	ND	0.399	--	ND	1.55	--		1.993
Chloroethane	ND	0.399	--	ND	1.05	--		1.993
Ethanol	ND	9.96	--	ND	18.8	--		1.993
Vinyl bromide	ND	0.399	--	ND	1.74	--		1.993
Acetone	23.0	1.99	--	54.6	4.73	--		1.993
Trichlorofluoromethane	ND	0.399	--	ND	2.24	--		1.993
Isopropanol	ND	0.996	--	ND	2.45	--		1.993
1,1-Dichloroethene	ND	0.399	--	ND	1.58	--		1.993
Tertiary butyl Alcohol	2.18	0.996	--	6.61	3.02	--		1.993
Methylene chloride	ND	0.996	--	ND	3.46	--		1.993
3-Chloropropene	ND	0.399	--	ND	1.25	--		1.993
Carbon disulfide	ND	0.399	--	ND	1.24	--		1.993
Freon-113	ND	0.399	--	ND	3.06	--		1.993
trans-1,2-Dichloroethene	ND	0.399	--	ND	1.58	--		1.993
1,1-Dichloroethane	ND	0.399	--	ND	1.61	--		1.993
Methyl tert butyl ether	ND	0.399	--	ND	1.44	--		1.993
2-Butanone	2.68	0.996	--	7.90	2.94	--		1.993
cis-1,2-Dichloroethene	ND	0.399	--	ND	1.58	--		1.993

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-05 D
Client ID: R-20
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:41
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.996	--	ND	3.59	--		1.993
Chloroform	ND	0.399	--	ND	1.95	--		1.993
Tetrahydrofuran	2.37	0.996	--	6.99	2.94	--		1.993
1,2-Dichloroethane	ND	0.399	--	ND	1.61	--		1.993
n-Hexane	ND	0.399	--	ND	1.41	--		1.993
1,1,1-Trichloroethane	ND	0.399	--	ND	2.18	--		1.993
Benzene	ND	0.399	--	ND	1.27	--		1.993
Carbon tetrachloride	ND	0.399	--	ND	2.51	--		1.993
Cyclohexane	ND	0.399	--	ND	1.37	--		1.993
1,2-Dichloropropane	ND	0.399	--	ND	1.84	--		1.993
Bromodichloromethane	ND	0.399	--	ND	2.67	--		1.993
1,4-Dioxane	ND	0.399	--	ND	1.44	--		1.993
Trichloroethene	ND	0.399	--	ND	2.14	--		1.993
2,2,4-Trimethylpentane	ND	0.399	--	ND	1.86	--		1.993
Heptane	ND	0.399	--	ND	1.64	--		1.993
cis-1,3-Dichloropropene	ND	0.399	--	ND	1.81	--		1.993
4-Methyl-2-pentanone	ND	0.996	--	ND	4.08	--		1.993
trans-1,3-Dichloropropene	ND	0.399	--	ND	1.81	--		1.993
1,1,2-Trichloroethane	ND	0.399	--	ND	2.18	--		1.993
Toluene	1.55	0.399	--	5.84	1.50	--		1.993
2-Hexanone	ND	0.399	--	ND	1.64	--		1.993
Dibromochloromethane	ND	0.399	--	ND	3.40	--		1.993
1,2-Dibromoethane	ND	0.399	--	ND	3.07	--		1.993
Tetrachloroethene	ND	0.399	--	ND	2.71	--		1.993
Chlorobenzene	ND	0.399	--	ND	1.84	--		1.993
Ethylbenzene	ND	0.399	--	ND	1.73	--		1.993

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-05 D
Client ID: R-20
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:41
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.797	--	ND	3.46	--		1.993
Bromoform	ND	0.399	--	ND	4.13	--		1.993
Styrene	ND	0.399	--	ND	1.70	--		1.993
1,1,2,2-Tetrachloroethane	ND	0.399	--	ND	2.74	--		1.993
o-Xylene	ND	0.399	--	ND	1.73	--		1.993
4-Ethyltoluene	ND	0.399	--	ND	1.96	--		1.993
1,3,5-Trimethylbenzene	ND	0.399	--	ND	1.96	--		1.993
1,2,4-Trimethylbenzene	ND	0.399	--	ND	1.96	--		1.993
Benzyl chloride	ND	0.399	--	ND	2.07	--		1.993
1,3-Dichlorobenzene	ND	0.399	--	ND	2.40	--		1.993
1,4-Dichlorobenzene	ND	0.399	--	ND	2.40	--		1.993
1,2-Dichlorobenzene	ND	0.399	--	ND	2.40	--		1.993
1,2,4-Trichlorobenzene	ND	0.399	--	ND	2.96	--		1.993
Hexachlorobutadiene	ND	0.399	--	ND	4.26	--		1.993

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	107		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-07 D
Client ID: R-18/19
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:35
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/24/22 01:04
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.532	0.400	--	2.63	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
Freon-114	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	ND	0.400	--	ND	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethanol	ND	10.0	--	ND	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	18.9	2.00	--	44.9	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
Isopropanol	ND	1.00	--	ND	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Tertiary butyl Alcohol	ND	1.00	--	ND	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	ND	0.400	--	ND	1.25	--		2
Freon-113	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	ND	1.00	--	ND	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-07 D
Client ID: R-18/19
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:35
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2
Chloroform	ND	0.400	--	ND	1.95	--		2
Tetrahydrofuran	1.26	1.00	--	3.72	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	ND	0.400	--	ND	1.41	--		2
1,1,1-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Benzene	0.470	0.400	--	1.50	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	ND	0.400	--	ND	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	ND	0.400	--	ND	2.15	--		2
2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--		2
Heptane	ND	0.400	--	ND	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	1.17	0.400	--	4.41	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	ND	0.400	--	ND	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	ND	0.400	--	ND	1.74	--		2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-07 D
Client ID: R-18/19
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:35
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.800	--	ND	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	ND	0.400	--	ND	1.74	--		2
4-Ethyltoluene	ND	0.400	--	ND	1.97	--		2
1,3,5-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
1,2,4-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	108		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-08
Client ID: R-18/19-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 09:58
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/11/22 23:23
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	62		60-140
chlorobenzene-d5	74		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-09 D
Client ID: R-17
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 10:06
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/24/22 01:44
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.492	0.428	--	2.43	2.12	--		2.14
Chloromethane	ND	0.428	--	ND	0.884	--		2.14
Freon-114	ND	0.428	--	ND	2.99	--		2.14
Vinyl chloride	ND	0.428	--	ND	1.09	--		2.14
1,3-Butadiene	ND	0.428	--	ND	0.947	--		2.14
Bromomethane	ND	0.428	--	ND	1.66	--		2.14
Chloroethane	ND	0.428	--	ND	1.13	--		2.14
Ethanol	11.6	10.7	--	21.9	20.2	--		2.14
Vinyl bromide	ND	0.428	--	ND	1.87	--		2.14
Acetone	80.3	2.14	--	191	5.08	--		2.14
Trichlorofluoromethane	ND	0.428	--	ND	2.41	--		2.14
Isopropanol	2.02	1.07	--	4.97	2.63	--		2.14
1,1-Dichloroethene	ND	0.428	--	ND	1.70	--		2.14
Tertiary butyl Alcohol	6.43	1.07	--	19.5	3.24	--		2.14
Methylene chloride	ND	1.07	--	ND	3.72	--		2.14
3-Chloropropene	ND	0.428	--	ND	1.34	--		2.14
Carbon disulfide	ND	0.428	--	ND	1.33	--		2.14
Freon-113	ND	0.428	--	ND	3.28	--		2.14
trans-1,2-Dichloroethene	ND	0.428	--	ND	1.70	--		2.14
1,1-Dichloroethane	ND	0.428	--	ND	1.73	--		2.14
Methyl tert butyl ether	1.53	0.428	--	5.52	1.54	--		2.14
2-Butanone	2.14	1.07	--	6.31	3.16	--		2.14
cis-1,2-Dichloroethene	ND	0.428	--	ND	1.70	--		2.14

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-09 D
Client ID: R-17
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 10:06
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.07	--	ND	3.86	--		2.14
Chloroform	ND	0.428	--	ND	2.09	--		2.14
Tetrahydrofuran	1.15	1.07	--	3.39	3.16	--		2.14
1,2-Dichloroethane	ND	0.428	--	ND	1.73	--		2.14
n-Hexane	ND	0.428	--	ND	1.51	--		2.14
1,1,1-Trichloroethane	ND	0.428	--	ND	2.34	--		2.14
Benzene	ND	0.428	--	ND	1.37	--		2.14
Carbon tetrachloride	ND	0.428	--	ND	2.69	--		2.14
Cyclohexane	ND	0.428	--	ND	1.47	--		2.14
1,2-Dichloropropane	ND	0.428	--	ND	1.98	--		2.14
Bromodichloromethane	ND	0.428	--	ND	2.87	--		2.14
1,4-Dioxane	ND	0.428	--	ND	1.54	--		2.14
Trichloroethene	ND	0.428	--	ND	2.30	--		2.14
2,2,4-Trimethylpentane	ND	0.428	--	ND	2.00	--		2.14
Heptane	ND	0.428	--	ND	1.75	--		2.14
cis-1,3-Dichloropropene	ND	0.428	--	ND	1.94	--		2.14
4-Methyl-2-pentanone	ND	1.07	--	ND	4.39	--		2.14
trans-1,3-Dichloropropene	ND	0.428	--	ND	1.94	--		2.14
1,1,2-Trichloroethane	ND	0.428	--	ND	2.34	--		2.14
Toluene	1.94	0.428	--	7.31	1.61	--		2.14
2-Hexanone	ND	0.428	--	ND	1.75	--		2.14
Dibromochloromethane	ND	0.428	--	ND	3.65	--		2.14
1,2-Dibromoethane	ND	0.428	--	ND	3.29	--		2.14
Tetrachloroethene	ND	0.428	--	ND	2.90	--		2.14
Chlorobenzene	ND	0.428	--	ND	1.97	--		2.14
Ethylbenzene	ND	0.428	--	ND	1.86	--		2.14

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-09 D
Client ID: R-17
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 10:06
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.856	--	ND	3.72	--		2.14
Bromoform	ND	0.428	--	ND	4.43	--		2.14
Styrene	ND	0.428	--	ND	1.82	--		2.14
1,1,2,2-Tetrachloroethane	ND	0.428	--	ND	2.94	--		2.14
o-Xylene	ND	0.428	--	ND	1.86	--		2.14
4-Ethyltoluene	ND	0.428	--	ND	2.10	--		2.14
1,3,5-Trimethylbenzene	ND	0.428	--	ND	2.10	--		2.14
1,2,4-Trimethylbenzene	ND	0.428	--	ND	2.10	--		2.14
Benzyl chloride	ND	0.428	--	ND	2.22	--		2.14
1,3-Dichlorobenzene	ND	0.428	--	ND	2.57	--		2.14
1,4-Dichlorobenzene	ND	0.428	--	ND	2.57	--		2.14
1,2-Dichlorobenzene	ND	0.428	--	ND	2.57	--		2.14
1,2,4-Trichlorobenzene	ND	0.428	--	ND	3.18	--		2.14
Hexachlorobutadiene	ND	0.428	--	ND	4.57	--		2.14

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	103		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	108		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-10
Client ID: R-17-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 10:22
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/11/22 23:56
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	61		60-140
chlorobenzene-d5	75		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-11 D
Client ID: R-4/5
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 10:46
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/24/22 03:02
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.519	0.394	--	2.57	1.95	--		1.973
Chloromethane	0.398	0.394	--	0.822	0.814	--		1.973
Freon-114	ND	0.394	--	ND	2.75	--		1.973
Vinyl chloride	ND	0.394	--	ND	1.01	--		1.973
1,3-Butadiene	ND	0.394	--	ND	0.872	--		1.973
Bromomethane	ND	0.394	--	ND	1.53	--		1.973
Chloroethane	ND	0.394	--	ND	1.04	--		1.973
Ethanol	11.5	9.86	--	21.7	18.6	--		1.973
Vinyl bromide	ND	0.394	--	ND	1.72	--		1.973
Acetone	27.7	1.97	--	65.8	4.68	--		1.973
Trichlorofluoromethane	ND	0.394	--	ND	2.21	--		1.973
Isopropanol	1.03	0.986	--	2.53	2.42	--		1.973
1,1-Dichloroethene	ND	0.394	--	ND	1.56	--		1.973
Tertiary butyl Alcohol	1.76	0.986	--	5.34	2.99	--		1.973
Methylene chloride	1.30	0.986	--	4.52	3.43	--		1.973
3-Chloropropene	ND	0.394	--	ND	1.23	--		1.973
Carbon disulfide	ND	0.394	--	ND	1.23	--		1.973
Freon-113	ND	0.394	--	ND	3.02	--		1.973
trans-1,2-Dichloroethene	ND	0.394	--	ND	1.56	--		1.973
1,1-Dichloroethane	ND	0.394	--	ND	1.59	--		1.973
Methyl tert butyl ether	ND	0.394	--	ND	1.42	--		1.973
2-Butanone	1.76	0.986	--	5.19	2.91	--		1.973
cis-1,2-Dichloroethene	ND	0.394	--	ND	1.56	--		1.973

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-11 D
Client ID: R-4/5
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 10:46
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.986	--	ND	3.55	--		1.973
Chloroform	ND	0.394	--	ND	1.92	--		1.973
Tetrahydrofuran	ND	0.986	--	ND	2.91	--		1.973
1,2-Dichloroethane	ND	0.394	--	ND	1.59	--		1.973
n-Hexane	ND	0.394	--	ND	1.39	--		1.973
1,1,1-Trichloroethane	ND	0.394	--	ND	2.15	--		1.973
Benzene	ND	0.394	--	ND	1.26	--		1.973
Carbon tetrachloride	ND	0.394	--	ND	2.48	--		1.973
Cyclohexane	ND	0.394	--	ND	1.36	--		1.973
1,2-Dichloropropane	ND	0.394	--	ND	1.82	--		1.973
Bromodichloromethane	ND	0.394	--	ND	2.64	--		1.973
1,4-Dioxane	ND	0.394	--	ND	1.42	--		1.973
Trichloroethene	ND	0.394	--	ND	2.12	--		1.973
2,2,4-Trimethylpentane	ND	0.394	--	ND	1.84	--		1.973
Heptane	ND	0.394	--	ND	1.61	--		1.973
cis-1,3-Dichloropropene	ND	0.394	--	ND	1.79	--		1.973
4-Methyl-2-pentanone	ND	0.986	--	ND	4.04	--		1.973
trans-1,3-Dichloropropene	ND	0.394	--	ND	1.79	--		1.973
1,1,2-Trichloroethane	ND	0.394	--	ND	2.15	--		1.973
Toluene	1.59	0.394	--	5.99	1.48	--		1.973
2-Hexanone	ND	0.394	--	ND	1.61	--		1.973
Dibromochloromethane	ND	0.394	--	ND	3.36	--		1.973
1,2-Dibromoethane	ND	0.394	--	ND	3.03	--		1.973
Tetrachloroethene	ND	0.394	--	ND	2.67	--		1.973
Chlorobenzene	ND	0.394	--	ND	1.81	--		1.973
Ethylbenzene	ND	0.394	--	ND	1.71	--		1.973

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-11 D
Client ID: R-4/5
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 10:46
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.00	0.789	--	4.34	3.43	--		1.973
Bromoform	ND	0.394	--	ND	4.07	--		1.973
Styrene	ND	0.394	--	ND	1.68	--		1.973
1,1,2,2-Tetrachloroethane	ND	0.394	--	ND	2.71	--		1.973
o-Xylene	ND	0.394	--	ND	1.71	--		1.973
4-Ethyltoluene	ND	0.394	--	ND	1.94	--		1.973
1,3,5-Trimethylbenzene	ND	0.394	--	ND	1.94	--		1.973
1,2,4-Trimethylbenzene	ND	0.394	--	ND	1.94	--		1.973
Benzyl chloride	ND	0.394	--	ND	2.04	--		1.973
1,3-Dichlorobenzene	ND	0.394	--	ND	2.37	--		1.973
1,4-Dichlorobenzene	ND	0.394	--	ND	2.37	--		1.973
1,2-Dichlorobenzene	ND	0.394	--	ND	2.37	--		1.973
1,2,4-Trichlorobenzene	ND	0.394	--	ND	2.92	--		1.973
Hexachlorobutadiene	ND	0.394	--	ND	4.20	--		1.973

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	105		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-12
Client ID: R-4/5-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 11:05
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/12/22 08:21
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	107		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-13 D
Client ID: R-13
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:17
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/24/22 03:42
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.453	0.440	--	2.24	2.18	--		2.198
Chloromethane	0.444	0.440	--	0.917	0.909	--		2.198
Freon-114	ND	0.440	--	ND	3.08	--		2.198
Vinyl chloride	ND	0.440	--	ND	1.12	--		2.198
1,3-Butadiene	ND	0.440	--	ND	0.973	--		2.198
Bromomethane	ND	0.440	--	ND	1.71	--		2.198
Chloroethane	ND	0.440	--	ND	1.16	--		2.198
Ethanol	22.2	11.0	--	41.8	20.7	--		2.198
Vinyl bromide	ND	0.440	--	ND	1.92	--		2.198
Acetone	59.3	2.20	--	141	5.23	--		2.198
Trichlorofluoromethane	ND	0.440	--	ND	2.47	--		2.198
Isopropanol	4.64	1.10	--	11.4	2.70	--		2.198
1,1-Dichloroethene	ND	0.440	--	ND	1.74	--		2.198
Tertiary butyl Alcohol	ND	1.10	--	ND	3.33	--		2.198
Methylene chloride	ND	1.10	--	ND	3.82	--		2.198
3-Chloropropene	ND	0.440	--	ND	1.38	--		2.198
Carbon disulfide	0.525	0.440	--	1.63	1.37	--		2.198
Freon-113	ND	0.440	--	ND	3.37	--		2.198
trans-1,2-Dichloroethene	ND	0.440	--	ND	1.74	--		2.198
1,1-Dichloroethane	ND	0.440	--	ND	1.78	--		2.198
Methyl tert butyl ether	ND	0.440	--	ND	1.59	--		2.198
2-Butanone	1.14	1.10	--	3.36	3.24	--		2.198
cis-1,2-Dichloroethene	ND	0.440	--	ND	1.74	--		2.198

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-13 D
Client ID: R-13
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:17
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.10	--	ND	3.96	--		2.198
Chloroform	ND	0.440	--	ND	2.15	--		2.198
Tetrahydrofuran	ND	1.10	--	ND	3.24	--		2.198
1,2-Dichloroethane	ND	0.440	--	ND	1.78	--		2.198
n-Hexane	ND	0.440	--	ND	1.55	--		2.198
1,1,1-Trichloroethane	ND	0.440	--	ND	2.40	--		2.198
Benzene	ND	0.440	--	ND	1.41	--		2.198
Carbon tetrachloride	ND	0.440	--	ND	2.77	--		2.198
Cyclohexane	ND	0.440	--	ND	1.51	--		2.198
1,2-Dichloropropane	ND	0.440	--	ND	2.03	--		2.198
Bromodichloromethane	ND	0.440	--	ND	2.95	--		2.198
1,4-Dioxane	ND	0.440	--	ND	1.59	--		2.198
Trichloroethene	ND	0.440	--	ND	2.36	--		2.198
2,2,4-Trimethylpentane	ND	0.440	--	ND	2.06	--		2.198
Heptane	ND	0.440	--	ND	1.80	--		2.198
cis-1,3-Dichloropropene	ND	0.440	--	ND	2.00	--		2.198
4-Methyl-2-pentanone	ND	1.10	--	ND	4.51	--		2.198
trans-1,3-Dichloropropene	ND	0.440	--	ND	2.00	--		2.198
1,1,2-Trichloroethane	ND	0.440	--	ND	2.40	--		2.198
Toluene	3.40	0.440	--	12.8	1.66	--		2.198
2-Hexanone	ND	0.440	--	ND	1.80	--		2.198
Dibromochloromethane	ND	0.440	--	ND	3.75	--		2.198
1,2-Dibromoethane	ND	0.440	--	ND	3.38	--		2.198
Tetrachloroethene	ND	0.440	--	ND	2.98	--		2.198
Chlorobenzene	ND	0.440	--	ND	2.03	--		2.198
Ethylbenzene	0.626	0.440	--	2.72	1.91	--		2.198

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-13 D
Client ID: R-13
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:17
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.34	0.879	--	10.2	3.82	--		2.198
Bromoform	ND	0.440	--	ND	4.55	--		2.198
Styrene	ND	0.440	--	ND	1.87	--		2.198
1,1,2,2-Tetrachloroethane	ND	0.440	--	ND	3.02	--		2.198
o-Xylene	0.780	0.440	--	3.39	1.91	--		2.198
4-Ethyltoluene	ND	0.440	--	ND	2.16	--		2.198
1,3,5-Trimethylbenzene	ND	0.440	--	ND	2.16	--		2.198
1,2,4-Trimethylbenzene	ND	0.440	--	ND	2.16	--		2.198
Benzyl chloride	ND	0.440	--	ND	2.28	--		2.198
1,3-Dichlorobenzene	ND	0.440	--	ND	2.65	--		2.198
1,4-Dichlorobenzene	ND	0.440	--	ND	2.65	--		2.198
1,2-Dichlorobenzene	ND	0.440	--	ND	2.65	--		2.198
1,2,4-Trichlorobenzene	ND	0.440	--	ND	3.27	--		2.198
Hexachlorobutadiene	ND	0.440	--	ND	4.69	--		2.198

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	103		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-14
Client ID: R-13-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:34
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/12/22 08:51
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	115		60-140
bromochloromethane	107		60-140
chlorobenzene-d5	113		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-15 D
Client ID: R-14
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 11:51
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/24/22 04:21
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.468	0.399	--	2.31	1.97	--		1.993
Chloromethane	ND	0.399	--	ND	0.824	--		1.993
Freon-114	ND	0.399	--	ND	2.79	--		1.993
Vinyl chloride	ND	0.399	--	ND	1.02	--		1.993
1,3-Butadiene	ND	0.399	--	ND	0.883	--		1.993
Bromomethane	ND	0.399	--	ND	1.55	--		1.993
Chloroethane	ND	0.399	--	ND	1.05	--		1.993
Ethanol	ND	9.96	--	ND	18.8	--		1.993
Vinyl bromide	ND	0.399	--	ND	1.74	--		1.993
Acetone	43.4	1.99	--	103	4.73	--		1.993
Trichlorofluoromethane	ND	0.399	--	ND	2.24	--		1.993
Isopropanol	1.17	0.996	--	2.88	2.45	--		1.993
1,1-Dichloroethene	ND	0.399	--	ND	1.58	--		1.993
Tertiary butyl Alcohol	1.20	0.996	--	3.64	3.02	--		1.993
Methylene chloride	1.33	0.996	--	4.62	3.46	--		1.993
3-Chloropropene	ND	0.399	--	ND	1.25	--		1.993
Carbon disulfide	ND	0.399	--	ND	1.24	--		1.993
Freon-113	ND	0.399	--	ND	3.06	--		1.993
trans-1,2-Dichloroethene	ND	0.399	--	ND	1.58	--		1.993
1,1-Dichloroethane	ND	0.399	--	ND	1.61	--		1.993
Methyl tert butyl ether	ND	0.399	--	ND	1.44	--		1.993
2-Butanone	ND	0.996	--	ND	2.94	--		1.993
cis-1,2-Dichloroethene	ND	0.399	--	ND	1.58	--		1.993

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-15 D
Client ID: R-14
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 11:51
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.996	--	ND	3.59	--		1.993
Chloroform	ND	0.399	--	ND	1.95	--		1.993
Tetrahydrofuran	ND	0.996	--	ND	2.94	--		1.993
1,2-Dichloroethane	ND	0.399	--	ND	1.61	--		1.993
n-Hexane	0.470	0.399	--	1.66	1.41	--		1.993
1,1,1-Trichloroethane	ND	0.399	--	ND	2.18	--		1.993
Benzene	ND	0.399	--	ND	1.27	--		1.993
Carbon tetrachloride	ND	0.399	--	ND	2.51	--		1.993
Cyclohexane	ND	0.399	--	ND	1.37	--		1.993
1,2-Dichloropropane	ND	0.399	--	ND	1.84	--		1.993
Bromodichloromethane	ND	0.399	--	ND	2.67	--		1.993
1,4-Dioxane	ND	0.399	--	ND	1.44	--		1.993
Trichloroethene	ND	0.399	--	ND	2.14	--		1.993
2,2,4-Trimethylpentane	ND	0.399	--	ND	1.86	--		1.993
Heptane	ND	0.399	--	ND	1.64	--		1.993
cis-1,3-Dichloropropene	ND	0.399	--	ND	1.81	--		1.993
4-Methyl-2-pentanone	ND	0.996	--	ND	4.08	--		1.993
trans-1,3-Dichloropropene	ND	0.399	--	ND	1.81	--		1.993
1,1,2-Trichloroethane	ND	0.399	--	ND	2.18	--		1.993
Toluene	1.36	0.399	--	5.13	1.50	--		1.993
2-Hexanone	ND	0.399	--	ND	1.64	--		1.993
Dibromochloromethane	ND	0.399	--	ND	3.40	--		1.993
1,2-Dibromoethane	ND	0.399	--	ND	3.07	--		1.993
Tetrachloroethene	4.86	0.399	--	33.0	2.71	--		1.993
Chlorobenzene	ND	0.399	--	ND	1.84	--		1.993
Ethylbenzene	ND	0.399	--	ND	1.73	--		1.993

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-15 D
Client ID: R-14
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 11:51
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.797	--	ND	3.46	--		1.993
Bromoform	ND	0.399	--	ND	4.13	--		1.993
Styrene	ND	0.399	--	ND	1.70	--		1.993
1,1,2,2-Tetrachloroethane	ND	0.399	--	ND	2.74	--		1.993
o-Xylene	ND	0.399	--	ND	1.73	--		1.993
4-Ethyltoluene	ND	0.399	--	ND	1.96	--		1.993
1,3,5-Trimethylbenzene	ND	0.399	--	ND	1.96	--		1.993
1,2,4-Trimethylbenzene	ND	0.399	--	ND	1.96	--		1.993
Benzyl chloride	ND	0.399	--	ND	2.07	--		1.993
1,3-Dichlorobenzene	ND	0.399	--	ND	2.40	--		1.993
1,4-Dichlorobenzene	ND	0.399	--	ND	2.40	--		1.993
1,2-Dichlorobenzene	ND	0.399	--	ND	2.40	--		1.993
1,2,4-Trichlorobenzene	ND	0.399	--	ND	2.96	--		1.993
Hexachlorobutadiene	ND	0.399	--	ND	4.26	--		1.993

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	99		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-16
Client ID: R-14-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:08
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/12/22 09:20
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	113		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	109		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-17 D
Client ID: R-15
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:47
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/24/22 05:01
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.427	0.397	--	2.11	1.96	--		1.986
Chloromethane	0.584	0.397	--	1.21	0.820	--		1.986
Freon-114	ND	0.397	--	ND	2.77	--		1.986
Vinyl chloride	ND	0.397	--	ND	1.01	--		1.986
1,3-Butadiene	ND	0.397	--	ND	0.878	--		1.986
Bromomethane	ND	0.397	--	ND	1.54	--		1.986
Chloroethane	ND	0.397	--	ND	1.05	--		1.986
Ethanol	24.4	9.93	--	46.0	18.7	--		1.986
Vinyl bromide	ND	0.397	--	ND	1.74	--		1.986
Acetone	96.2	1.99	--	229	4.73	--		1.986
Trichlorofluoromethane	ND	0.397	--	ND	2.23	--		1.986
Isopropanol	2.22	0.993	--	5.46	2.44	--		1.986
1,1-Dichloroethene	ND	0.397	--	ND	1.57	--		1.986
Tertiary butyl Alcohol	1.96	0.993	--	5.94	3.01	--		1.986
Methylene chloride	ND	0.993	--	ND	3.45	--		1.986
3-Chloropropene	ND	0.397	--	ND	1.24	--		1.986
Carbon disulfide	ND	0.397	--	ND	1.24	--		1.986
Freon-113	ND	0.397	--	ND	3.04	--		1.986
trans-1,2-Dichloroethene	ND	0.397	--	ND	1.57	--		1.986
1,1-Dichloroethane	ND	0.397	--	ND	1.61	--		1.986
Methyl tert butyl ether	ND	0.397	--	ND	1.43	--		1.986
2-Butanone	1.73	0.993	--	5.10	2.93	--		1.986
cis-1,2-Dichloroethene	ND	0.397	--	ND	1.57	--		1.986

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-17 D
Client ID: R-15
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:47
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.993	--	ND	3.58	--		1.986
Chloroform	ND	0.397	--	ND	1.94	--		1.986
Tetrahydrofuran	1.64	0.993	--	4.84	2.93	--		1.986
1,2-Dichloroethane	ND	0.397	--	ND	1.61	--		1.986
n-Hexane	0.419	0.397	--	1.48	1.40	--		1.986
1,1,1-Trichloroethane	ND	0.397	--	ND	2.17	--		1.986
Benzene	0.403	0.397	--	1.29	1.27	--		1.986
Carbon tetrachloride	ND	0.397	--	ND	2.50	--		1.986
Cyclohexane	ND	0.397	--	ND	1.37	--		1.986
1,2-Dichloropropane	ND	0.397	--	ND	1.83	--		1.986
Bromodichloromethane	ND	0.397	--	ND	2.66	--		1.986
1,4-Dioxane	ND	0.397	--	ND	1.43	--		1.986
Trichloroethene	ND	0.397	--	ND	2.13	--		1.986
2,2,4-Trimethylpentane	ND	0.397	--	ND	1.85	--		1.986
Heptane	ND	0.397	--	ND	1.63	--		1.986
cis-1,3-Dichloropropene	ND	0.397	--	ND	1.80	--		1.986
4-Methyl-2-pentanone	ND	0.993	--	ND	4.07	--		1.986
trans-1,3-Dichloropropene	ND	0.397	--	ND	1.80	--		1.986
1,1,2-Trichloroethane	ND	0.397	--	ND	2.17	--		1.986
Toluene	2.96	0.397	--	11.2	1.50	--		1.986
2-Hexanone	ND	0.397	--	ND	1.63	--		1.986
Dibromochloromethane	ND	0.397	--	ND	3.38	--		1.986
1,2-Dibromoethane	ND	0.397	--	ND	3.05	--		1.986
Tetrachloroethene	ND	0.397	--	ND	2.69	--		1.986
Chlorobenzene	ND	0.397	--	ND	1.83	--		1.986
Ethylbenzene	0.620	0.397	--	2.69	1.72	--		1.986

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-17 D
Client ID: R-15
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:47
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.30	0.794	--	9.99	3.45	--		1.986
Bromoform	ND	0.397	--	ND	4.10	--		1.986
Styrene	ND	0.397	--	ND	1.69	--		1.986
1,1,2,2-Tetrachloroethane	ND	0.397	--	ND	2.73	--		1.986
o-Xylene	0.761	0.397	--	3.31	1.72	--		1.986
4-Ethyltoluene	ND	0.397	--	ND	1.95	--		1.986
1,3,5-Trimethylbenzene	ND	0.397	--	ND	1.95	--		1.986
1,2,4-Trimethylbenzene	ND	0.397	--	ND	1.95	--		1.986
Benzyl chloride	ND	0.397	--	ND	2.06	--		1.986
1,3-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,4-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,2-Dichlorobenzene	ND	0.397	--	ND	2.39	--		1.986
1,2,4-Trichlorobenzene	ND	0.397	--	ND	2.95	--		1.986
Hexachlorobutadiene	ND	0.397	--	ND	4.23	--		1.986

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	99		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-18
Client ID: R-15-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 13:03
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/12/22 09:50
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	114		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	109		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-19 D
Client ID: R-16
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 13:10
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/24/22 05:40
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.446	0.366	--	2.21	1.81	--		1.829
Chloromethane	0.380	0.366	--	0.785	0.756	--		1.829
Freon-114	ND	0.366	--	ND	2.56	--		1.829
Vinyl chloride	0.501	0.366	--	1.28	0.936	--		1.829
1,3-Butadiene	ND	0.366	--	ND	0.810	--		1.829
Bromomethane	ND	0.366	--	ND	1.42	--		1.829
Chloroethane	ND	0.366	--	ND	0.966	--		1.829
Ethanol	12.3	9.14	--	23.2	17.2	--		1.829
Vinyl bromide	ND	0.366	--	ND	1.60	--		1.829
Acetone	37.0	1.83	--	87.9	4.35	--		1.829
Trichlorofluoromethane	ND	0.366	--	ND	2.06	--		1.829
Isopropanol	ND	0.914	--	ND	2.25	--		1.829
1,1-Dichloroethene	ND	0.366	--	ND	1.45	--		1.829
Tertiary butyl Alcohol	ND	0.914	--	ND	2.77	--		1.829
Methylene chloride	ND	0.914	--	ND	3.18	--		1.829
3-Chloropropene	ND	0.366	--	ND	1.15	--		1.829
Carbon disulfide	ND	0.366	--	ND	1.14	--		1.829
Freon-113	ND	0.366	--	ND	2.81	--		1.829
trans-1,2-Dichloroethene	ND	0.366	--	ND	1.45	--		1.829
1,1-Dichloroethane	ND	0.366	--	ND	1.48	--		1.829
Methyl tert butyl ether	ND	0.366	--	ND	1.32	--		1.829
2-Butanone	ND	0.914	--	ND	2.70	--		1.829
cis-1,2-Dichloroethene	ND	0.366	--	ND	1.45	--		1.829

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-19 D
Client ID: R-16
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 13:10
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.914	--	ND	3.29	--		1.829
Chloroform	ND	0.366	--	ND	1.79	--		1.829
Tetrahydrofuran	ND	0.914	--	ND	2.70	--		1.829
1,2-Dichloroethane	ND	0.366	--	ND	1.48	--		1.829
n-Hexane	0.417	0.366	--	1.47	1.29	--		1.829
1,1,1-Trichloroethane	ND	0.366	--	ND	2.00	--		1.829
Benzene	0.582	0.366	--	1.86	1.17	--		1.829
Carbon tetrachloride	ND	0.366	--	ND	2.30	--		1.829
Cyclohexane	ND	0.366	--	ND	1.26	--		1.829
1,2-Dichloropropane	ND	0.366	--	ND	1.69	--		1.829
Bromodichloromethane	ND	0.366	--	ND	2.45	--		1.829
1,4-Dioxane	ND	0.366	--	ND	1.32	--		1.829
Trichloroethene	ND	0.366	--	ND	1.97	--		1.829
2,2,4-Trimethylpentane	0.550	0.366	--	2.57	1.71	--		1.829
Heptane	ND	0.366	--	ND	1.50	--		1.829
cis-1,3-Dichloropropene	ND	0.366	--	ND	1.66	--		1.829
4-Methyl-2-pentanone	ND	0.914	--	ND	3.75	--		1.829
trans-1,3-Dichloropropene	ND	0.366	--	ND	1.66	--		1.829
1,1,2-Trichloroethane	ND	0.366	--	ND	2.00	--		1.829
Toluene	2.14	0.366	--	8.06	1.38	--		1.829
2-Hexanone	ND	0.366	--	ND	1.50	--		1.829
Dibromochloromethane	ND	0.366	--	ND	3.12	--		1.829
1,2-Dibromoethane	ND	0.366	--	ND	2.81	--		1.829
Tetrachloroethene	0.393	0.366	--	2.67	2.48	--		1.829
Chlorobenzene	ND	0.366	--	ND	1.69	--		1.829
Ethylbenzene	0.488	0.366	--	2.12	1.59	--		1.829

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-19 D
Client ID: R-16
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 13:10
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.81	0.732	--	7.86	3.18	--		1.829
Bromoform	ND	0.366	--	ND	3.78	--		1.829
Styrene	ND	0.366	--	ND	1.56	--		1.829
1,1,2,2-Tetrachloroethane	ND	0.366	--	ND	2.51	--		1.829
o-Xylene	0.613	0.366	--	2.66	1.59	--		1.829
4-Ethyltoluene	ND	0.366	--	ND	1.80	--		1.829
1,3,5-Trimethylbenzene	ND	0.366	--	ND	1.80	--		1.829
1,2,4-Trimethylbenzene	ND	0.366	--	ND	1.80	--		1.829
Benzyl chloride	ND	0.366	--	ND	1.90	--		1.829
1,3-Dichlorobenzene	ND	0.366	--	ND	2.20	--		1.829
1,4-Dichlorobenzene	ND	0.366	--	ND	2.20	--		1.829
1,2-Dichlorobenzene	ND	0.366	--	ND	2.20	--		1.829
1,2,4-Trichlorobenzene	ND	0.366	--	ND	2.72	--		1.829
Hexachlorobutadiene	ND	0.366	--	ND	3.90	--		1.829

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-20
Client ID: R-16-H2S
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 13:25
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/12/22 10:19
Analyst: AR

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Mercaptans & Sulfides in Air - Mansfield Lab								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	107		60-140
bromochloromethane	70		60-140
chlorobenzene-d5	97		60-140

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/11/22 20:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Mercaptans & Sulfides in Air - Mansfield Lab for sample(s): 02,04,08,10,12,14,16,18,20 Batch: WG1604230-4								
Hydrogen Sulfide	ND	2.50	--	ND	3.48	--		1
Carbonyl sulfide	ND	2.50	--	ND	6.14	--		1
Methyl mercaptan	ND	2.50	--	ND	4.92	--		1
Ethyl mercaptan	ND	0.500	--	ND	1.27	--		1
Dimethyl sulfide	ND	0.500	--	ND	1.27	--		1
Carbon disulfide	ND	0.500	--	ND	1.56	--		1
Isopropyl Mercaptan	ND	0.500	--	ND	1.56	--		1
tert-Butyl Mercaptan	ND	0.500	--	ND	1.84	--		1
N-Propyl Mercaptan	ND	0.500	--	ND	1.56	--		1
Ethyl Methyl Sulfide	ND	0.500	--	ND	1.56	--		1
Thiophene	ND	0.500	--	ND	1.72	--		1
Isobutyl Mercaptan	ND	0.500	--	ND	1.84	--		1
Diethyl Sulfide	ND	0.500	--	ND	1.84	--		1
n-Butyl Mercaptan	ND	2.00	--	ND	7.38	--		1
Dimethyl Disulfide	ND	0.500	--	ND	1.93	--		1
3-Methylthiophene	ND	0.500	--	ND	2.01	--		1
Tetrahydrothiophene	ND	0.500	--	ND	1.80	--		1
2-Ethylthiophene	ND	0.500	--	ND	2.29	--		1
2,5-Dimethylthiophene	ND	0.500	--	ND	2.29	--		1
Diethyl disulfide	ND	0.500	--	ND	2.50	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/23/22 14:47

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1608509-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/23/22 14:47

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1608509-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/23/22 14:47

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1608509-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Mercaptans & Sulfides in Air - Mansfield Lab	Associated sample(s): 02,04,08,10,12,14,16,18,20		Batch: WG1604230-3					
Hydrogen Sulfide	79		-		70-130	-		
Carbonyl sulfide	92		-		70-130	-		
Methyl mercaptan	93		-		70-130	-		
Ethyl mercaptan	98		-		70-130	-		
Dimethyl sulfide	101		-		70-130	-		
Carbon disulfide	113		-		70-130	-		
Isopropyl Mercaptan	104		-		70-130	-		
tert-Butyl Mercaptan	105		-		70-130	-		
N-Propyl Mercaptan	115		-		70-130	-		
Ethyl Methyl Sulfide	79		-		70-130	-		
Thiophene	103		-		70-130	-		
Isobutyl Mercaptan	98		-		70-130	-		
Diethyl Sulfide	112		-		70-130	-		
n-Butyl Mercaptan	78		-		70-130	-		
Dimethyl Disulfide	107		-		70-130	-		
3-Methylthiophene	95		-		70-130	-		
Tetrahydrothiophene	102		-		70-130	-		
2-Ethylthiophene	93		-		70-130	-		
2,5-Dimethylthiophene	94		-		70-130	-		
Diethyl disulfide	85		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1608509-3								
Dichlorodifluoromethane	87		-		70-130	-		
Chloromethane	91		-		70-130	-		
Freon-114	91		-		70-130	-		
Vinyl chloride	89		-		70-130	-		
1,3-Butadiene	95		-		70-130	-		
Bromomethane	88		-		70-130	-		
Chloroethane	94		-		70-130	-		
Ethanol	88		-		40-160	-		
Vinyl bromide	87		-		70-130	-		
Acetone	99		-		40-160	-		
Trichlorofluoromethane	88		-		70-130	-		
Isopropanol	101		-		40-160	-		
1,1-Dichloroethene	92		-		70-130	-		
Tertiary butyl Alcohol	91		-		70-130	-		
Methylene chloride	99		-		70-130	-		
3-Chloropropene	103		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
Freon-113	94		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	91		-		70-130	-		
Methyl tert butyl ether	97		-		70-130	-		
2-Butanone	96		-		70-130	-		
cis-1,2-Dichloroethene	94		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1608509-3								
Ethyl Acetate	98		-		70-130	-		
Chloroform	93		-		70-130	-		
Tetrahydrofuran	94		-		70-130	-		
1,2-Dichloroethane	87		-		70-130	-		
n-Hexane	95		-		70-130	-		
1,1,1-Trichloroethane	91		-		70-130	-		
Benzene	89		-		70-130	-		
Carbon tetrachloride	95		-		70-130	-		
Cyclohexane	97		-		70-130	-		
1,2-Dichloropropane	96		-		70-130	-		
Bromodichloromethane	95		-		70-130	-		
1,4-Dioxane	95		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Heptane	100		-		70-130	-		
cis-1,3-Dichloropropene	105		-		70-130	-		
4-Methyl-2-pentanone	103		-		70-130	-		
trans-1,3-Dichloropropene	90		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	94		-		70-130	-		
2-Hexanone	109		-		70-130	-		
Dibromochloromethane	105		-		70-130	-		
1,2-Dibromoethane	104		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2207305

Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1608509-3								
Tetrachloroethene	101		-		70-130	-		
Chlorobenzene	104		-		70-130	-		
Ethylbenzene	103		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	104		-		70-130	-		
Styrene	108		-		70-130	-		
1,1,2,2-Tetrachloroethane	106		-		70-130	-		
o-Xylene	105		-		70-130	-		
4-Ethyltoluene	106		-		70-130	-		
1,3,5-Trimethylbenzene	108		-		70-130	-		
1,2,4-Trimethylbenzene	109		-		70-130	-		
Benzyl chloride	112		-		70-130	-		
1,3-Dichlorobenzene	110		-		70-130	-		
1,4-Dichlorobenzene	110		-		70-130	-		
1,2-Dichlorobenzene	108		-		70-130	-		
1,2,4-Trichlorobenzene	116		-		70-130	-		
Hexachlorobutadiene	106		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Mercaptans & Sulfides in Air - Mansfield Lab Associated sample(s): 02,04,08,10,12,14,16,18,20 QC Batch ID: WG1604230-5 QC Sample: L2207305-20 Client ID: R-16-H2S						
Hydrogen Sulfide	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608509-5 QC Sample: L2207305-09 Client ID: R-17						
Dichlorodifluoromethane	0.492	0.464	ppbV	6		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	11.6	12.1	ppbV	4		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	80.3	77.5	ppbV	4		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	2.02	2.06	ppbV	2		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	6.43	6.58	ppbV	2		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	1.53	1.51	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608509-5 QC Sample: L2207305-09 Client ID: R-17						
2-Butanone	2.14	2.13	ppbV	0		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	1.15	1.12	ppbV	3		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608509-5 QC Sample: L2207305-09 Client ID: R-17						
Toluene	1.94	2.00	ppbV	3		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	ND	0.860	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-01 D
Client ID: R-22
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 07:42
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/24/22 16:07
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.196	--	1.961

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-03 D
Client ID: R-21
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:23
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/24/22 16:55
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.217	--	2.174

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-05 D
Client ID: R-20
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:41
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/24/22 17:43
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-07 D
Client ID: R-18/19
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 08:35
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/24/22 18:32
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-09 D
Client ID: R-17
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 10:06
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/24/22 19:20
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.213	--	2.128

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-11 D
Client ID: R-4/5
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 10:46
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/24/22 20:09
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.196	--	1.961

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-13 D
Client ID: R-13
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:17
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/25/22 07:38
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.222	--	2.222

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-15 D
Client ID: R-14
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 11:51
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/25/22 08:12
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-17 D
Client ID: R-15
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 12:47
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/25/22 08:46
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.200	--	2

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2207305-19 D
Client ID: R-16
Sample Location: 70 NARDOZZI PL

Date Collected: 02/10/22 13:10
Date Received: 02/10/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Analytical Method: 51,3C
Analytical Date: 02/25/22 09:19
Analyst: AR

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Methane	ND		%	0.182	--	1.818

Project Name: NARDOZZI
Project Number: 2015.191
Lab Number: L2207305
Report Date: 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 51,3C
Analytical Date: 02/24/22 10:42
Analyst: AR

Parameter	Result	Qualifier	Units	RL	MDL
Fixed Gases by GC - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19 Batch: WG1608956-3					
Nitrogen	1.06		%	1.00	--
Oxygen	ND		%	1.00	--
Carbon Dioxide	ND		%	0.100	--
Methane	ND		%	0.100	--
Carbon Monoxide	ND		%	0.100	--
Helium	ND		%	0.100	--

Lab Control Sample Analysis

Batch Quality Control

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2207305

Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab	Associated sample(s): 01,03,05,07,09,11,13,15,17,19		Batch: WG1608956-2					
Nitrogen	106		-		80-120	-		
Oxygen	104		-		80-120	-		
Carbon Dioxide	108		-		80-120	-		
Methane	115		-		80-120	-		
Carbon Monoxide	112		-		80-120	-		
Helium	100		-		80-120	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-10 QC Sample: L2207305-13 Client ID: R-13						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-11 QC Sample: L2207305-15 Client ID: R-14						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-12 QC Sample: L2207305-17 Client ID: R-15						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-13 QC Sample: L2207305-19 Client ID: R-16						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-4 QC Sample: L2207305-01 Client ID: R-22						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-5 QC Sample: L2207305-03 Client ID: R-21						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-6 QC Sample: L2207305-05 Client ID: R-20						
Methane	ND	ND	%	NC		5

Lab Duplicate Analysis
Batch Quality Control

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-7 QC Sample: L2207305-07 Client ID: R-18/19						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-8 QC Sample: L2207305-09 Client ID: R-17						
Methane	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19 QC Batch ID: WG1608956-9 QC Sample: L2207305-11 Client ID: R-4/5						
Methane	ND	ND	%	NC		5

Project Name: NARDOZZI

Project Number: 2015.191

Lab Number: L2207305

Report Date: 02/25/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2207305-01	R-22	01182	SV200	02/07/22	372211		-	-	-	Pass	219	209	5
L2207305-01	R-22	3522	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.9	0.0	-	-	-	-
L2207305-03	R-21	01594	SV200	02/07/22	372211		-	-	-	Pass	219	208	5
L2207305-03	R-21	3671	1.0L Can	02/07/22	372211	L2205332-07	Pass	-29.0	0.0	-	-	-	-
L2207305-05	R-20	01900	SV200	02/07/22	372211		-	-	-	Pass	218	208	5
L2207305-05	R-20	3541	1.0L Can	02/07/22	372211	L2205332-07	Pass	-29.1	0.0	-	-	-	-
L2207305-07	R-18/19	01916	SV200	02/07/22	372211		-	-	-	Pass	220	211	4
L2207305-07	R-18/19	839	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.9	0.0	-	-	-	-
L2207305-09	R-17	0684	SV200	02/07/22	372211		-	-	-	Pass	220	209	5
L2207305-09	R-17	3694	1.0L Can	02/07/22	372211	L2205332-07	Pass	-28.9	0.0	-	-	-	-
L2207305-11	R-4/5	01050	SV200	02/07/22	372211		-	-	-	Pass	218	207	5
L2207305-11	R-4/5	3675	1.0L Can	02/07/22	372211	L2204954-05	Pass	-29.0	0.0	-	-	-	-
L2207305-13	R-13	01236	SV200	02/07/22	372211		-	-	-	Pass	219	210	4
L2207305-13	R-13	856	1.0L Can	02/07/22	372211	L2204954-05	Pass	-28.8	0.0	-	-	-	-
L2207305-15	R-14	01595	SV200	02/07/22	372211		-	-	-	Pass	220	208	6

Project Name: NARDOZZI

Lab Number: L2207305

Project Number: 2015.191

Report Date: 02/25/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2207305-15	R-14	733	1.0L Can	02/07/22	372211	L2204954-05	Pass	-29.0	0.0	-	-	-	-
L2207305-17	R-15	0612	SV200	02/07/22	372211		-	-	-	Pass	217	206	5
L2207305-17	R-15	2087	1.0L Can	02/07/22	372211	L2204954-05	Pass	-29.0	0.0	-	-	-	-
L2207305-19	R-16	0883	SV200	02/07/22	372211		-	-	-	Pass	219	208	5
L2207305-19	R-16	1507	1.0L Can	02/07/22	372211	L2204954-05	Pass	-29.3	0.0	-	-	-	-
L2207305-21	UNUSED_CAN702	01863	SV200	02/07/22	372211		-	-	-	Pass	216	205	5
L2207305-21	UNUSED_CAN702	702	1.0L Can	02/07/22	372211	L2204954-05	Pass	-29.0	-28.5	-	-	-	-
L2207305-22	UNUSED_CAN682	01840	SV200	02/07/22	372211		-	-	-	Pass	218	207	5
L2207305-22	UNUSED_CAN682	682	1.0L Can	02/07/22	372211	L2204414-07	Pass	-29.0	-28.8	-	-	-	-
L2207305-23	UNUSED_CAN1932	1932	1.0L Can	02/07/22	372211	L2204954-05	Pass	-29.1	-28.6	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/27/22 23:11
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/27/22 23:11
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204414
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204414-07
Client ID: CAN 3661 SHELF 21
Sample Location:

Date Collected: 01/27/22 09:00
Date Received: 01/27/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/31/22 19:59
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2204954
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/31/22 19:59
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2204954
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2204954-05
Client ID: CAN 3558 SHELF 7
Sample Location:

Date Collected: 01/31/22 00:00
Date Received: 01/31/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2205332
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/03/22 01:18
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2205332
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2205332
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/03/22 01:18
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2205332
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205332
Report Date: 02/25/22

Air Canister Certification Results

Lab ID: L2205332-07
Client ID: CAN 2413 SHELF 17
Sample Location:

Date Collected: 02/02/22 09:00
Date Received: 02/02/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	100		60-140

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2207305-01A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L2207305-02A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-02X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-03A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L2207305-04A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-04X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2207305-06A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		CANCELLED()
L2207305-06X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		CANCELLED()
L2207305-07A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2207305-08A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-08X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-09A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2207305-10A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-10X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-11A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2207305-12A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-12X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-13A	Canister - 6 Liter	NA	NA			Y	Absent		FIXGAS(30),TO15-LL(30)
L2207305-14A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-14X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-15A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2207305-16A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)

*Values in parentheses indicate holding time in days

Project Name: NARDOZZI
Project Number: 2015.191

Lab Number: L2207305
Report Date: 02/25/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2207305-16X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-17A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2207305-18A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-18X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-19A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),FIXGAS(30)
L2207305-20A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-20X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-CTD(2)
L2207305-21A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		CLEAN-FEE()
L2207305-22A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		CLEAN-FEE()
L2207305-23A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	NARDOZZI	**Lab Number:**	L2207305
Project Number:	2015.191	**Report Date:**	02/25/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	NARDOZZI	**Lab Number:**	L2207305
Project Number:	2015.191	**Report Date:**	02/25/22

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	NARDOZZI	**Lab Number:**	L2207305
Project Number:	2015.191	**Report Date:**	02/25/22

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

51 Determination of Carbon Dioxide, Methane, Nitrogen and Oxygen from Stationary Sources. Method 3C. Appendix A, Part 60, 40 CFR (Code of Federal Regulations). June 20, 1996.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

PAGE 1 OF 2

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2-11-22

ALPHA Job #: L2207305

Client Information

Client: JM Scrap, Inc
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: cward@jmscrap.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nardozzi
Project Location: 70 Nardozzi, Pl
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15 + Carbon disulfide + Methane	TO-15 SIM	APH (subset non-petroleum HCs) ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
0730S-01	R-22	2/10/22	7:47	7:42	-29.90	-1.90	SV	CW	1L	3522	01180	X						
02	R-22-H2S		7:59	8:12	—	—			5L	—	—						X	
03	R-21		8:18	8:23	-30.00	-1.85			1L	3671	01594	X						
04	R-21-H2S		8:25	8:28	—	—			5L	—	—						X	
05	R-20		8:36	8:41	-29.71	-1.99			1L	3541	01900	X						
06	R-20-H2S		8:44	8:57	—	—			5L	—	—						X	
07	R-18/19		8:30	8:35	-29.58	-1.28			1L	889	01916	X						
08	R-18/19-H2S		9:45	9:58	—	—			5L	—	—						X	
09	R-17		10:01	10:06	-29.79	-1.88			1L	3094	00814	X						
10	R-17-H2S		10:09	10:22	—	—			5L	—	—						X	

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS — 7

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
2111122 0500			
Cassandra Ward	2/10/22 13:44		2/10/22 13:45
	2/10/22 15:45		2/10/22 1255
Anthony Green	2/10/22		2/10/22 2000
DHL 2/11/22 0500			

AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2-11-22

ALPHA Job #: L2207305

Client Information

Client: JM Forge, Inc.
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: cward@jmforge.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordozzi
Project Location: 70 Nordozzi Pl
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15+ oxygen, disulfide, methane	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
11	R-4/5	2/10/22	10:41	10:46	-29.74	-1.84	SV	CW	1L	3675	01050	X						
12	R-4/5-H2S		10:53	11:05	—	—			5L	—	—						X	
13	R-13		12:12	12:17	-29.55	-1.84			1L	856	0123	X						
14	R-13-H2S		12:19	12:34	—	—			5L	—	—						X	
15	R-14		11:46	11:51	-29.46	-1.51			1L	733	01595	X						
16	R-14-H2S		11:54	12:08	—	—			5L	—	—						X	
17	R-15		12:42	12:47	-29.68	-1.86			1L	2087	0612	X						
18	R-15-H2S		12:50	13:03	—	—			5L	—	—						X	
19	R-16		13:05	13:10	-29.45	-1.77			1L	1507	0888	X						
20	R-16-H2S		13:12	13:25	—	—			5L	—	—						X	

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS T

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Cassandra Ward	2/10/22 13:44		2/11/22 13:45
	2/11/22 13:45		2/11/22 15:31
	2/10/22 1545		2/10/22 2002

2/11/22 0500

2/11/22 0500

July 1, 2022

Ms. Alison Kokorsky
J.M. Sorge, Inc.
57 Fourth Street
Somerville, NJ 08876

Re: Data Usability Summary Report – Alpha Analytical – Soil Vapor Samples

Dear Ms. Kokorsky:

The evaluation of analytical data for organic analysis parameters by Alpha Analytical for 19 soil vapor samples from the Nardozzi New Rochelle Site, which were reported in a single data package under Job No. L2206518, has been completed. The data package was received by ddms, inc. (ddms) for review, and the following samples were reported:

R-12	R-12-H2S	R-11	R-11-H2S
PP-5	PP-5-H2S	PP-4	PP-4-H2S
R-10	R-10-H2S	R-9	R-9-H2S
R-8	PP-3	PP-3-H2S	R-7
R-7-H2S	R-6	R-6-H2S	

Analyses were performed in accordance with USEPA Methods TO-15 (Volatile Organic Compounds), TO-15 (Hydrogen sulfide), and 3C (Methane). ddms' review was performed, to the extent possible, in accordance with the analytical methods and "DER-10/Technical Guidance for Site Investigation and Remediation." Professional judgment was applied as necessary and appropriate. Qualifiers consistent with those defined by EPA Region 2 were applied as necessary and appropriate.

Samples were analyzed by Alpha Analytical as follows:

Sample ID	Method TO-15 - VOCs	Method TO-15- Hydrogen Sulfide	Method 3C - Methane
R-12	X		X
R-12-H2S		X	
R-11	X		X
R-11-H2S		X	
PP-5	X		X
PP-5-H2S		X	
PP-4	X		X
PP-4-H2S		X	
R-10	X		X
R-10-H2S		X	
R-9	X		X
R-9-H2S		X	
R-8	X		X
PP-3	X		X
PP-3-H2S		X	
R-7	X		X
R-7-H2S		X	

Sample ID	Method TO-15 - VOCs	Method TO-15-Hydrogen Sulfide	Method 3C - Methane
R-6	X		X
R-6-H2S		X	

Below is the Data Usability Summary Report (DUSR) associated with these samples.

Data Usability Summary Report	
1. Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	No – See Documentation Section
2. Have all holding times been met?	Yes
3. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?	No – See Following Sections
4. Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5. Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes
6. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes
7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

Based on the data review effort, results are usable, with the following qualifications:

- Results for acetone, 2-butanone, and tetrahydrofuran in the 3.679-fold diluted analysis of R-12 were qualified as estimated (J) because concentrations of these compounds exceeded the upper limit of the established instrument calibration range. It is recommended that results for acetone, 2-butanone, and tetrahydrofuran be taken from the 71.43-fold dilution of R-12 and that results for all other target analytes in this sample be taken from the 3.679-fold dilution.

All qualifiers are reflected on the Validation Qualifier Summary Table included as Attachment A to this report. Region II qualifier definitions are also provided in the attachment. Copies of the chain of custody records are provided in Attachment B. Pages from the data package illustrating the exceedances are included as Attachment C.

The following components were reviewed:

- Chain of custody
- Receiving conditions
- Holding times
- Sample integrity
- Analyte lists
- Reporting limits

- Requested method
- Units
- Sample related quality control data:
    - Blanks
    - Laboratory control sample (LCS)/LCS duplicate (LCSD) recoveries
    - Internal standard areas
    - Duplicates
- Instrument related quality control data:
    - Instrument tunes
    - Calibration summaries

The following sections of this report detail the reasons for application of qualifiers to the sample results. Each parameter section discusses the quality control (QC) excursions that impacted sample results. Where a quality indicator was deemed acceptable after thorough review, no further discussion is included in this report. Detailed findings are included for each quality element that impacted the usability of the reported results. Additional information or explanation is included as needed, to provide support for decisions made, based on the validator's best professional judgment.

Where a result was qualified J+ or J- and J, the J qualifier takes precedence. Where a result was qualified biased high and low for differing data quality excursions, the final qualifier is J with an indeterminate bias.

Documentation: A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package. Issues observed during the review are detailed below:

- Flow controller 01762 was incorrectly identified on the chain of custody record as 07162.

- A sample identified on the chain of custody record as R-8-H2S was submitted for hydrogen sulfide analysis. According to the login chain of custody report, data for this analysis could not be acquired due to instrument failure.

Holding Times, Preservation, Sample Integrity:

Copies of the applicable chain of custody (COC) records were included in the data package, documenting a collection date of February 8, 2022. The samples were received by the laboratory on the same day as sample collection. All analytical method-required holding times were met.

A. Volatile Organic Compounds

1. Calibration:

The initial calibration (IC) was acceptable (QC = relative response factors [RRFs} >0.05 and percent relative standard deviations [%RSDs] ≤30%). A second-source IC verification (ICV) standard was analyzed following the IC, and all percent differences (%Ds) were acceptable.

One continuing calibration (CC) standard was analyzed in support of sample analyses. All RRFs and %Ds were acceptable (QC ≤30%), except for 1,1,2,2-tetrachloroethane (34.6 %D). The high %D represents an increase in instrument sensitivity, which suggests the potential for reporting

false positives or sample results that are biased high. Since 1,1,2,2-tetrachloroethane was not detected in any of the associated samples, no qualifiers were necessary based on the high %D.

2. Laboratory Control Sample (LCS)

One LCS was associated with the site sample analyses. Recoveries of the target analytes in the LCS were acceptable (QC 70-130%), except for 1,1,2,2-tetrachloroethane (140%). Since the recovery was high and 1,1,2,2-tetrachloroethane was not detected in any of the samples, no qualifiers were necessary.

3. Compound Quantitation

Concentrations of acetone, 2-butanone, and tetrahydrofuran in the 3.679-fold diluted analysis of R-12 exceeded the upper limit of the established instrument calibration range and were qualified as estimated (J) on this basis. The sample was subsequently analyzed at a 71.43-fold dilution, and concentrations of all three compounds were within the calibration range in the more diluted analysis. It is recommended that results for acetone, 2-butanone, and tetrahydrofuran be taken from the 71.43-fold dilution of R-12 and that results for all other target analytes in this sample be taken from the 3.679-fold dilution. All recommended results for R-12 have been marked as "Reportable Yes" on the electronic data deliverable.

B. Hydrogen Sulfide

Based on the data review, all results were determined to be valid as reported by the laboratory. No qualifiers were applied to the hydrogen sulfide data by the validator.

C. Methane

Based on the data review, all results were determined to be valid as reported by the laboratory. No qualifiers were applied to the methane data by the validator.

Please feel free to contact me at (610) 314-6284 or edickinson@ddmsinc.com if you have any questions regarding this data package review report or need further information.

Sincerely,

de maximis Data Management Solutions, Inc.

Elizabeth K. Dickinson
Sr. Environmental Chemist

Attachments

ATTACHMENT A

VALIDATION QUALIFIER SUMMARY TABLE
Laboratory Job No. L2206518

Validation Summary Table
Nardozzi New Rochelle Site
Air Samples

Sample ID	Method	Parameter	Result	Units	Validation Qualfier	MDL	RL
R-12	TO15	Methyl Ethyl Ketone (2-Butanone)	6430	ug/m3	J	0.522	5.43
R-12	TO15	Acetone	4940	ug/m3	J	6.01	8.74
R-12	TO15	Tetrahydrofuran	10300	ug/m3	J	0.616	5.43

EPA Qualifier Definitions

U	**The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.**
J	**The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.**
J+	**The result is an estimated quantity, but the result may be biased high.**
J-	**The result is an estimated quantity, but the result may be biased low.**
NJ	**The analyte has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the sample.**
UJ	**The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.**
R	**The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.**

ATTACHMENT B

CHAIN OF CUSTODY RECORDS
Laboratory Job No. L2206518

AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 1 OF 2

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2-3-22

ALPHA Job #: L2206518

Client Information

Client: JM Sorge, Inc.
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: CWard@jmsorge.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordoff
Project Location: 70 Nordoff Pl
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
5 day TAT
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15 + Acetone, disulfide, Methanol	TO-15 SIM	APH Subject Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
06518-01	R-12	2/8/22	7:39	7:44	-29.93	-1.96	SV	CW	1L	866	0882	X						
02	R-12-H2S		8:59	10:51	—	—			5L	—	—					X		
03	R-11		9:17	9:24	-29.18	-1.40			1L	16W	0535	X						
04	R-11-H2S		10:19	12:47	—	—			5L	—	—					X		
05	PP-5		9:40	9:45	-29.99	-2.18			1L	909	02118	X						
06	PP-5-H2S		11:00	11:18	—	—			5L	—	—					X		
07	PP-4		9:55	10:00	-29.71	-1.92			1L	247H	0538	X						
08	PP-4-H2S		11:28	11:38	—	—			5L	—	—					X		
09	R-10		11:57	12:02	-29.91	-1.87			1L	1498	02112	X						
10	R-10-H2S		12:14	12:25	—	—			5L	—	—					X		
									Container Type							T		

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Relinquished By:	Date/Time	Received By:	Date/Time:
Cassandra Ward	2/8/22 14:52		
	2/8/22 1552		2/9/22 1453
Anthony Fiore	2/8/22	Anthony Fiore	2/8/22 2000
			2/9/22 2305

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 2 OF 2

Date Rec'd in Lab: 2-8-22

ALPHA Job #: L2206518

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: JM Sorge, Inc.
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: cward@jmsorge.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordozzi
Project Location: 70 Nordozzi Pl, NY
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
5 day TAT
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15 + Cyclohexane, Propylene, Methane	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
11	R-9	2/8/22	12:37	12:42	-29.94	-1.53	SV	CW	1L	2073	01859	X						
12	R-9-H2S		12:45	12:59	—	—			5L	—	—					X		
13	R-8		13:06	13:11	-29.60	-1.71			1L	841	00583	X						
14	R-8-H2S		13:20	13:33	—	—			5L	—	—					X		
15	PP-3		13:32	13:37	-29.35	-1.58			1L	571	01755	X						
16	PP-3-H2S		13:46	13:58	—	—			5L	—	—					X		
17	R-7		13:51	13:56	-29.43	-2.06			1L	792	08115	X						
18	R-7-H2S		14:04	14:16	—	—			5L	—	—					X		
19	R-6		14:25	14:30	-29.59	-1.79			1L	801	07162	X						
20	R-6-H2S		14:34	14:44	—	—			5L	—	—					X		

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type																		
												C					T	

Relinquished By:	Date/Time	Received By:	Date/Time:
Cassandra Ward	2/8/22 14:58		
Dave	2/8/22 1752	Dave	2/8/22 1452
Anthony Queen	2/8/22	Anthony Queen	2/8/22 2000
	2/9/22	AAL	2/8/22 2315

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

ATTACHMENT C

SELECTED PAGES FROM DATA PACKAGE -
QC EXCEEDANCES AND VALIDATION ISSUES
Laboratory Job No. L2206518

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airlab17\2022\02\0221T\
Data File : r1725554.D
Acq On : 21 Feb 2022 11:43 PM
Operator : AIRLAB17:TS
Sample : L2206518-01D,3,67.95,250
Misc : WG1607441,ICAL18743
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 22 07:43:26 2022
Quant Method : O:\Forensics\Data\Airlab17\2022\02\0221T\TFS17_220209.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 10 14:25:24 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab17\2022\02\0221T\r1725542.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.550	49	231237	10.000	ppbV	-0.04
Standard Area = 237272			Recovery = 97.46%			
43) 1,4-difluorobenzene	11.810	114	606274	10.000	ppbV	-0.05
Standard Area = 591143			Recovery = 102.56%			
67) chlorobenzene-D5	16.533	54	96211	10.000	ppbV	-0.04
Standard Area = 95754			Recovery = 100.48%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.970	85	2346	0.143	ppbV	97
6) chloromethane	4.156	50	4771	0.556	ppbV	99
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	4.528		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.280	31	58927	9.303	ppbV #	78
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.847	43	6885419	566.998	ppbV #	75
21) trichlorofluoromethane	6.060		0	N.D.		
22) isopropyl alcohol	6.177	45	19914	1.357	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	6.916	59	2645	0.185	ppbV #	67
28) methylene chloride	7.006	49	757	0.066	ppbV #	69
29) 3-chloropropene	7.054		0	N.D.		
30) carbon disulfide	7.288	76	16725	0.590	ppbV #	52
31) Freon 113	7.330		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.850	43	12616613	591.874	ppbV #	90
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	9.717		0	N.D.		
40) Tetrahydrofuran	10.150	42	12185559	951.435	ppbV #	81
42) 1,2-dichloroethane	0.000		0	N.D.		

Data Path : O:\Forensics\Data\Airlab17\2022\02\0221T\
Data File : r1725554.D
Acq On : 21 Feb 2022 11:43 PM
Operator : AIRLAB17:TS
Sample : L2206518-01D,3,67.95,250
Misc : WG1607441,ICAL18743
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 22 07:43:26 2022
Quant Method : O:\Forensics\Data\Airlab17\2022\02\0221T\TFS17_220209.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 10 14:25:24 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab17\2022\02\0221T\r1725542.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) hexane	9.617	57	6229	0.356	ppbV #	67
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	11.377	78	4802	0.149	ppbV	98
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	11.690	56	7954	0.443	ppbV	96
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	12.610		0	N.D.		
60) 2,2,4-trimethylpentane	12.657	57	3345	0.060	ppbV #	71
62) heptane	12.977	43	5686	0.256	ppbV #	86
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.675	43	2127	0.095	ppbV #	79
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	14.758	91	12358	0.351	ppbV	96
72) 2-hexanone	15.108		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.925	166	1625	0.131	ppbV	95
80) chlorobenzene	16.592		0	N.D.		
81) ethylbenzene	16.925	91	5422	0.144	ppbV	98
83) m+p-xylene	17.083	91	10422	0.349	ppbV	96
84) bromoform	0.000		0	N.D.		
85) styrene	17.408		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	17.508	91	4134	0.138	ppbV	91
96) 4-ethyl toluene	18.625		0	N.D.		
97) 1,3,5-trimethylbenzene	18.625		0	N.D.		
99) 1,2,4-trimethylbenzene	18.975	105	2550	0.080	ppbV #	62
101) Benzyl Chloride	18.975		0	N.D.		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airlab17\2022\02\0221T\
Data File : r1725554.D
Acq On : 21 Feb 2022 11:43 PM
Operator : AIRLAB17:TS
Sample : L2206518-01D,3,67.95,250
Misc : WG1607441,ICAL18743
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Feb 22 07:43:26 2022
Quant Method : O:\Forensics\Data\Airlab17\2022\02\0221T\TFS17_220209.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Feb 10 14:25:24 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airlab17\2022\02\0221T\r1725542.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

July 1, 2022

Ms. Alison Kokorsky
J.M. Sorge, Inc.
57 Fourth Street
Somerville, NJ 08876

Re: Data Usability Summary Report – Alpha Analytical – Air and Soil Vapor Samples

Dear Ms. Kokorsky:

The evaluation of analytical data for organic analysis parameters by Alpha Analytical for ten air samples and ten soil vapor samples from the Nardozzi New Rochelle Site, which were reported in a single data package under Job No. L2206828, has been completed. The data package was received by ddms, inc. (ddms) for review, and the following samples were reported:

AMB2022	AMB2022-H2S	GAR2022	GAR2022-H2S
IA-1	IA-1-H2S	IA-2	IA-2-H2S
IA-3	IA-3-H2S	PP-1	PP-1-H2S
PP-2	PP-2-H2S	R-3	R-3-H2S
R-2	R-2-H2S	R-23	R-23-H2S

Analyses were performed in accordance with USEPA Methods TO-15 (Volatile Organic Compounds), TO-15 (Hydrogen sulfide), and 3C (Methane). Analyses for vinyl chloride, 1,1-dichloroethene, cis-1,2-dichloroethene, 1,1,1-trichloroethane, carbon tetrachloride, trichloroethene, and tetrachloroethene in AMB2022, GAR2022, IA-1, IA-2, and IA-3 were performed according to method TO-15 using selected ion monitoring (SIM). All other target analytes for these samples and all target analytes for all other samples were analyzed utilizing full scan mode.

ddms' review was performed, to the extent possible, in accordance with the analytical methods and "DER-10/Technical Guidance for Site Investigation and Remediation." Professional judgment was applied as necessary and appropriate. Qualifiers consistent with those defined by EPA Region 2 were applied as necessary and appropriate.

Samples were analyzed by Alpha Analytical as follows:

Sample ID	Method TO-15 - VOCs	Method TO-15- Hydrogen Sulfide	Method 3C - Methane
AMB2022	X		X
AMB2022-H2S		X	
GAR2022	X		X
GAR2022-H2S		X	
IA-1	X		X
IA-1-H2S		X	
IA-2	X		X
IA-2-H2S		X	
IA-3	X		X

Sample ID	Method TO-15 - VOCs	Method TO-15- Hydrogen Sulfide	Method 3C - Methane
IA-3-H2S		X	
PP-1	X		X
PP-1-H2S		X	
PP-2	X		X
PP-2-H2S		X	
R-3	X		X
R-3-H2S		X	
R-2	X		X
R-2-H2S		X	
R-23-H2S	X		X
R-23-H2S		X	

Below is the Data Usability Summary Report (DUSR) associated with these samples.

	Data Usability Summary Report	
1.	Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	No – See Documentation Section
2.	Have all holding times been met?	Yes
3.	Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?	No – See Following Sections
4.	Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5.	Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes
6.	Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes
7.	Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

Based on the data review effort, all results are usable as reported by the laboratory. No qualifiers were applied to these data by the validator.

Region II qualifier definitions are provided in Attachment A of this report. Copies of the chain of custody records are provided in Attachment B.

The following components were reviewed:

- Chain of custody
- Receiving conditions
- Holding times
- Sample integrity
- Analyte lists

- Reporting limits
- Requested method
- Units
- Sample related quality control data:
    - Blanks
    - Laboratory control sample (LCS)/LCS duplicate (LCSD) recoveries
    - Internal standard areas
    - Duplicates
- Instrument related quality control data:
    - Instrument tunes
    - Calibration summaries

The following sections of this report detail the reasons for application of qualifiers to the sample results. Each parameter section discusses the quality control (QC) excursions that impacted sample results. Where a quality indicator was deemed acceptable after thorough review, no further discussion is included in this report. Detailed findings are included for each quality element that impacted the usability of the reported results. Additional information or explanation is included as needed, to provide support for decisions made, based on the validator's best professional judgment.

Where a result was qualified J+ or J- and J, the J qualifier takes precedence. Where a result was qualified biased high and low for differing data quality excursions, the final qualifier is J with an indeterminate bias.

Documentation: A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package. An issue observed during the review is detailed below:

- The volatiles laboratory duplicate summary form on page 61 of the data package incorrectly lists the result for ethanol in IA-3 as ND. Based on the Form I results summary for IA-3, the correct concentration is 22.7 ppbv, which compares well with the laboratory duplicate result of 21.5 ppbv. The relative percent difference (RPD) is correctly reported on the summary form as 5 RPD.

Holding Times, Preservation, Sample Integrity:

Copies of the applicable chain of custody (COC) records were included in the data package, documenting a collection date of February 9, 2022. The samples were received by the laboratory on the same day as sample collection. All analytical method-required holding times were met.

A. Volatile Organic Compounds

1. Calibration:

Two initial calibrations (ICs) were reported with the site samples (one in full scan mode and one in SIM mode) and were acceptable (QC = relative response factors [RRFs] >0.05 and percent relative standard deviations [%RSDs] ≤30%). A second-source IC verification (ICV) standard was analyzed following both ICs, and all percent differences (%Ds) were acceptable.

Two continuing calibration (CC) standards were analyzed in support of sample analyses. All RRFs and %Ds were acceptable (QC ≤30%), except for 1,1,2,2-tetrachloroethane (37.4 %D) in

the CC standard run on February 22, 2022, at 13:24. The high %D represents an increase in instrument sensitivity, which suggests the potential for reporting false positives or sample results that are biased high. Since 1,1,2,2-tetrachloroethane was not detected in any of the associated samples, no qualifiers were necessary based on the high %D.

2. Laboratory Control Sample (LCS)

Two LCSs were associated with the site sample analyses. Recoveries of the target analytes in the LCSs were acceptable (QC 70-130%), except for 1,1,2,2-tetrachloroethane (137%) in the LCS analyzed on run on February 22, 2022, at 13:24. Since the recovery was high and 1,1,2,2-tetrachloroethane was not detected in any of the samples, no qualifiers were necessary.

Based on the data review, all results were determined to be valid as reported by the laboratory. No qualifiers were applied to the volatiles data by the validator.

B. Hydrogen Sulfide

Based on the data review, all results were determined to be valid as reported by the laboratory. No qualifiers were applied to the hydrogen sulfide data by the validator.

C. Methane

Based on the data review, all results were determined to be valid as reported by the laboratory. No qualifiers were applied to the methane data by the validator.

Please feel free to contact me at (610) 314-6284 or edickinson@ddmsinc.com if you have any questions regarding this data package review report or need further information.

Sincerely,

de maximis Data Management Solutions, Inc.

Elizabeth K. Dickinson
Sr. Environmental Chemist

Attachments

ATTACHMENT A

REGION II QUALIFIER DEFINITIONS
Laboratory Job No. L2206828

EPA Qualifier Definitions

U	**The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.**
J	**The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.**
J+	**The result is an estimated quantity, but the result may be biased high.**
J-	**The result is an estimated quantity, but the result may be biased low.**
NJ	**The analyte has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the sample.**
UJ	**The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.**
R	**The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.**

ATTACHMENT B

CHAIN OF CUSTODY RECORDS
Laboratory Job No. L2206828

AIR ANALYSIS

CHAIN OF CUSTODY PAGE 1 OF 2

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2-10-22

ALPHA Job #: L2206828

Client Information

Client: JM Sorge Inc
Address: 57 Fourth St
Garfield, NJ 07026
Phone: 908 818 0066
Fax: 908 218 9185
Email: CWard@jmsorge.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordozz
Project Location: 70 Nordozz, PI
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15 + Cyclohexane, MeTHF	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
06828-01	AMB2022	2/9/22	10:29	7:59	-30.55	-3.61	AA	CW	6L	3508	0676	X						
02	AMB2022-H2S		7:45	7:58	—	—			5L	—	—					X		
03	GAR2022		11:04	11:49	-30.54	-9.9			6L	1001	0586	X						
04	GAR2022-H2S		8:12	8:22	—	—			5L	—	—					X		
05	IA-1		11:22	11:51	-30.50	-13.07			6L	724	0621	X						
06	IA-1-H2S		8:29	8:41	—	—			5L	—	—					X		
07	IA-2		11:35	11:54	-30.71	-9.32			6L	2930	0804	X						
08	IA-2-H2S		8:48	9:00	—	—			5L	—	—					X		
09	IA-3		11:42	11:51	-30.43	-10.66			6L	2943	0859	X						
10	IA-3-H2S		9:04	9:15	—	—			5L	—	—					X		

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6L | 5L

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
2/10/22 0530			
Cassandra Ward	2/9/22 14:10	Art Litz	2/9/22 14:10
Art Litz	2/9/22 15:23	Bruce Jack AAL	2/9/22 15:23
Bruce Jack AAL	2/9/22 1523	Anthony Green	2/9/22 2000
Anthony Green	2/9/22		2/10/22 0530

Form No: 211-02 Rev: 12-5-18

AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 2 OF 2

Date Rec'd in Lab: 2-10-22

ALPHA Job #: L2206828

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: JM Sorge Inc.
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: cward@jmsorge.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordozzi
Project Location: 70 Nordozzi Pl
Project #: 2015191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15 + Carbon disulfide, acetylene	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
11	PP-1	2/9/22	10:31	10:36	-29.62	-4.66	SV	CW	1L	676	0611	X						
12	PP-1-H2S		10:49	11:09	—	—			5L	—	—						X	
13	PP-2		9:52	9:57	-30.12	-1.59			1L	751	0995	X						
14	PP-2-H2S		10:03	10:15	—	—			5L	—	—						X	
15	R-3		13:46	13:51	-30.20	-1.98			1L	712	0861	X						
16	R-3-H2S		13:56	14:09	—	—			5L	—	—						X	
17	R-2		11:50	11:55	-29.5	-1.82			1L	800	01900	X						
18	R-2-H2S		12:01	12:13	—	—			5L	—	—						X	
19	R-23		12:50	12:55	-30.08	-3.22			1L	3543	01594	X						
20	R-23-H2S		13:02	13:15	—	—			5L	—	—						X	

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: C C T

Relinquished By:	Date/Time	Received By:	Date/Time:
Cassandra Ward	2/9/22 14:10		2/9/22 14:10
	2/9/22 15:23	Bruce Jones AAL	2/9/22 15:23
Bruce Jones AAL	2/9/22 15:23		2/9/22 2000
	2/9/22		

2/10/22 0530

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

July 1, 2022

Ms. Alison Kokorsky
J.M. Sorge, Inc.
57 Fourth Street
Somerville, NJ 08876

Re: Data Usability Summary Report – Alpha Analytical – Soil Vapor Samples

Dear Ms. Kokorsky:

The evaluation of analytical data for organic analysis parameters by Alpha Analytical for 19 soil vapor samples from the Nardozzi New Rochelle Site, which were reported in a single data package under Job No. L2207305, has been completed. The data package was received by ddms, inc. (ddms) for review, and the following samples were reported:

R-22	R-22-H2S	R-21	R-21-H2S
R-20	R-18/19	R-18/19-H2S	R-17
R-17-H2S	R-4/5	R-4/5-H2S	R-13
R-13-H2S	R-14	R-14-H2S	R-15
R-15-H2S	R-16	R-16-H2S	

Analyses were performed in accordance with USEPA Methods TO-15 (Volatile Organic Compounds), TO-15 (Hydrogen sulfide), and 3C (Methane). ddms' review was performed, to the extent possible, in accordance with the analytical methods and "DER-10/Technical Guidance for Site Investigation and Remediation." Professional judgment was applied as necessary and appropriate. Qualifiers consistent with those defined by EPA Region 2 were applied as necessary and appropriate.

Samples were analyzed by Alpha Analytical as follows:

Sample ID	Method TO-15 - VOCs	Method TO-15- Hydrogen Sulfide	Method 3C - Methane
R-22	X		X
R-22-H2S		X	
R-21	X		X
R-21-H2S		X	
R-20	X		X
R-18/19	X		X
R-18/19-H2S		X	
R-17	X		X
R-17-H2S		X	
R-4/5	X		X
R-4/5-H2S		X	
R-13	X		X
R-13-H2S		X	
R-14	X		X
R-14-H2S		X	
R-15	X		X

Sample ID	Method TO-15 - VOCs	Method TO-15-Hydrogen Sulfide	Method 3C - Methane
R-15-H2S		X	
R-16	X		X
R-16-H2S		X	

Below is the Data Usability Summary Report (DUSR) associated with these samples.

	Data Usability Summary Report	
1.	Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	No – See Documentation Section
2.	Have all holding times been met?	Yes
3.	Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?	Yes
4.	Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5.	Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes
6.	Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes
7.	Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

Based on the data review effort, all results are usable as reported by the laboratory. No qualifiers were applied to these data by the validator.

Region II qualifier definitions are provided Attachment A of this report. Copies of the chain of custody records are provided in Attachment B.

The following components were reviewed:

- Chain of custody
- Receiving conditions
- Holding times
- Sample integrity
- Analyte lists
- Reporting limits
- Requested method
- Units
- Sample related quality control data:
    - Blanks
    - Laboratory control sample (LCS)/LCS duplicate (LCSD) recoveries
    - Internal standard areas
    - Duplicates

- Instrument related quality control data:
  - Instrument tunes
  - Calibration summaries

The following sections of this report detail the reasons for application of qualifiers to the sample results. Each parameter section discusses the quality control (QC) excursions that impacted sample results. Where a quality indicator was deemed acceptable after thorough review, no further discussion is included in this report. Detailed findings are included for each quality element that impacted the usability of the reported results. Additional information or explanation is included as needed, to provide support for decisions made, based on the validator's best professional judgment.

Where a result was qualified J+ or J- and J, the J qualifier takes precedence. Where a result was qualified biased high and low for differing data quality excursions, the final qualifier is J with an indeterminate bias.

Documentation: A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package. An issue observed during the review is detailed below:

- A sample identified on the chain of custody record as R-20-H2S was submitted for hydrogen sulfide analysis. According to the case narrative, the canister for this sample was received empty and the analysis was canceled.

Holding Times, Preservation, Sample Integrity:

Copies of the applicable chain of custody (COC) records were included in the data package, documenting a collection date of February 10, 2022. The samples were received by the laboratory on the same day as sample collection. All analytical method-required holding times were met.

A. Volatile Organic Compounds

Based on the data review, all results were determined to be valid as reported by the laboratory. No qualifiers were applied to the volatiles data by the validator.

B. Hydrogen Sulfide

Based on the data review, all results were determined to be valid as reported by the laboratory. No qualifiers were applied to the hydrogen sulfide data by the validator.

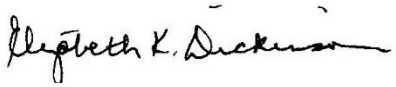
C. Methane

Based on the data review, all results were determined to be valid as reported by the laboratory. No qualifiers were applied to the methane data by the validator.

Please feel free to contact me at (610) 314-6284 or edickinson@ddmsinc.com if you have any questions regarding this data package review report or need further information.

Sincerely,

de maximis Data Management Solutions, Inc.



Elizabeth K. Dickinson
Sr. Environmental Chemist

Attachments

ATTACHMENT A

REGION II QUALIFIER DEFINITIONS
Laboratory Job No. L2207305

EPA Qualifier Definitions

U	**The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.**
J	**The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.**
J+	**The result is an estimated quantity, but the result may be biased high.**
J-	**The result is an estimated quantity, but the result may be biased low.**
NJ	**The analyte has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the sample.**
UJ	**The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.**
R	**The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.**

ATTACHMENT B

CHAIN OF CUSTODY RECORDS
Laboratory Job No. L2207305

AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2-11-22

ALPHA Job #: L2207305

Client Information

Client: JM Scrap, Inc
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: cward@jmscrap.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nardozzi
Project Location: 70 Nardozzi Pl
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15 + Carbon disulfide + Methane	TO-15 SIM	APH (subset non-petroleum HCs)	Fixed Gases ☐	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
0730S-01	R-22	2/10/22	7:47	7:42	-29.90	-1.90	SV	CW	1L	3522	01180	X						
02	R-22-H2S		7:59	8:12	—	—			5L	—	—					X		
03	R-21		8:18	8:23	-30.00	-1.85			1L	3671	01594	X						
04	R-21-H2S		8:25	8:28	—	—			5L	—	—					X		
05	R-20		8:36	8:41	-29.71	-1.99			1L	3541	01900	X						
06	R-20-H2S		8:44	8:57	—	—			5L	—	—					X		
07	R-18/19		8:30	8:35	-29.58	-1.28			1L	889	01916	X						
08	R-18/19-H2S		9:45	9:58	—	—			5L	—	—					X		
09	R-17		10:01	10:06	-29.79	-1.88			1L	3094	00814	X						
10	R-17-H2S		10:09	10:22	—	—			5L	—	—					X		

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS — 1

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
2/11/22 0500			
Cassandra Ward	2/10/22 13:44		2/10/22 13:45
	2/11/22 15:45		2/11/22 1255
Anthony Green	2/11/22		2/10/22 2000

AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2-11-22

ALPHA Job #: L2207305

Client Information

Client: JM Forge, Inc.
Address: 57 Fourth St
Somerville, NJ 08876
Phone: 908 218 0066
Fax: 908 218 9185
Email: cward@jmforge.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Nordozzi
Project Location: 70 Nordozzi Pl
Project #: 2015.191
Project Manager: C. Ward
ALPHA Quote #:

Turn-Around Time

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

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☒ Additional Deliverables: NYSDEC EDDs
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 2015.191

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYSDEC		

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15+ oxygen, disulfide, CS2, thiophene	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Hydrogen Sulfide	Sample Comments (i.e. PID)
11	R-4/5	2/10/22	10:41	10:46	-29.74	-1.84	SV	CW	1L	3675	01050	X						
12	R-4/5-H2S		10:53	11:05	—	—			5L	—	—						X	
13	R-13		12:12	12:17	-29.55	-1.84			1L	856	0123	X						
14	R-13-H2S		12:19	12:34	—	—			5L	—	—						X	
15	R-14		11:46	11:51	-29.46	-1.51			1L	733	01595	X						
16	R-14-H2S		11:54	12:08	—	—			5L	—	—						X	
17	R-15		12:42	12:47	-29.68	-1.86			1L	2087	0612	X						
18	R-15-H2S		12:50	13:03	—	—			5L	—	—						X	
19	R-16		13:05	13:10	-29.45	-1.77			1L	1507	0888	X						
20	R-16-H2S		13:12	13:25	—	—			5L	—	—						X	

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS T

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Cassandra Ward	2/10/22 13:44		2/11/22 13:45
	2/11/22 13:45		2/11/22 15:31
	2/10/22 1545		2/10/22 2000

2/11/22 0500

Cassandra Ward

From: Jonelle Branca <JBranca@ddmsinc.com>
Sent: Friday, July 1, 2022 1:31 PM
To: dec.sm.NYENVDATA
Cc: Cassandra Ward; Kilmer, Michael D (DEC); Liz Dickinson; Alison Kokorsky; Jonelle Branca
Subject: NYSDEC Submittal for C360159 (20220701 1208.C360159.NYSDEC_MERGE.zip)
Attachments: 20220701 1208.C360159.NYSDEC_MERGE.zip

Follow Up Flag: Follow up
Flag Status: Flagged

Hello,
Attached is one EDD for submittal to the NYSDEC EQuIS database for site C360159, 70 Nardozzi Place. Also attached is a reference value EDD containing 3 proposed values for rt_analyte.

This EDDs passed all checks in EDP (after the addition of the 3 analytes). Please let me know if any errors arise upon load. Thank you.

Kind regards,

Jonelle Branca
Sr. Data Analyst

t: (651) 842-4225 | m: (612) 209-7091
e: jbranca@ddmsinc.com | w: www.ddmsinc.com
a: 370 Wabasha St N, Suite 1310, St. Paul, MN 55102

ATTENTION: This message and any attachments are intended only for the named recipient(s), and may contain information that is confidential, privileged, attorney work product, or exempt or protected from disclosure under applicable laws and rules. If you are not the intended recipient(s), you are notified that the dissemination, distribution, or copying of this message and any attachments is strictly prohibited. If you receive this message in error, or are not the named recipient(s), please notify the sender at either the email address or by calling ddms, inc. at (651) 842-4224 and delete this message and any of its attachments from your computer and/or network. Receipt by anyone other than the named recipient(s) is not a waiver of any attorney-client, work product, or other applicable privilege, protection, or doctrine. This message and any attachments are covered by the Electronic Communications Privacy Act, 18 U.S.C SS 2510-2521.

ATTACHMENT E

Indoor Air Pre-Sampling Forms

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

Site No. : _____ **Site Name :** 70 Nordozzi

Date: 10/13/21 **Time:** 12:00

Structure Address : 70 Nordozzi Pl, New Rochelle, NY

Preparer's Name & Affiliation : Cassandra Word of JM Sorge - Environmental Consultant

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) : DPW office & garage, gym, liquor store

Owner Name : 70 Nordozzi LLC **Owner Phone :** (718) 215 - 3000

Secondary Owner Phone : ( ) _____ - _____

Owner Address (if different) : 211 E 43rd St, New York, NY

Occupant Name : City of New Rochelle DPW **Occupant Phone :** ( ) _____ - _____

Secondary Occupant Phone : ( ) _____ - _____

Number & Age of All Persons Residing at this Location : Adults

Additional Owner/Occupant Information : LA Fitness & Liquor Store

Describe Structure (style, number floors, size) : 2 floor concrete building

Approximate **Year Built :** 2019 - 2020 Is the building **Insulated?** ☐ Yes ☐ No

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

Describe Lowest Level (finishing, use, time spent in space) : Finished office spaces, auto garage, DPW storage & parking deck

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 : Floor drains located in bathrooms, janitors closets, part storage, & fluid distribution room. Elevator pit. Utility penetrations. SSVS riser penetrations

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

Identify any wall penetrations : _____

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, etc) : _____

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? _____

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) : _____

Fans are activated by Co detection alarm system. Air intake is via outdoor louver

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

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

Auto repair garage attached to indoor office area. Chemicals stored related to auto repairs

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

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

Recent **painting** or **staining** ? ☒ Yes ☐ No Where ? : everywhere - new construction

Any **solvent** or **chemical-like** odors ? ☒ Yes ☐ No Describe : auto repair related solvents

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

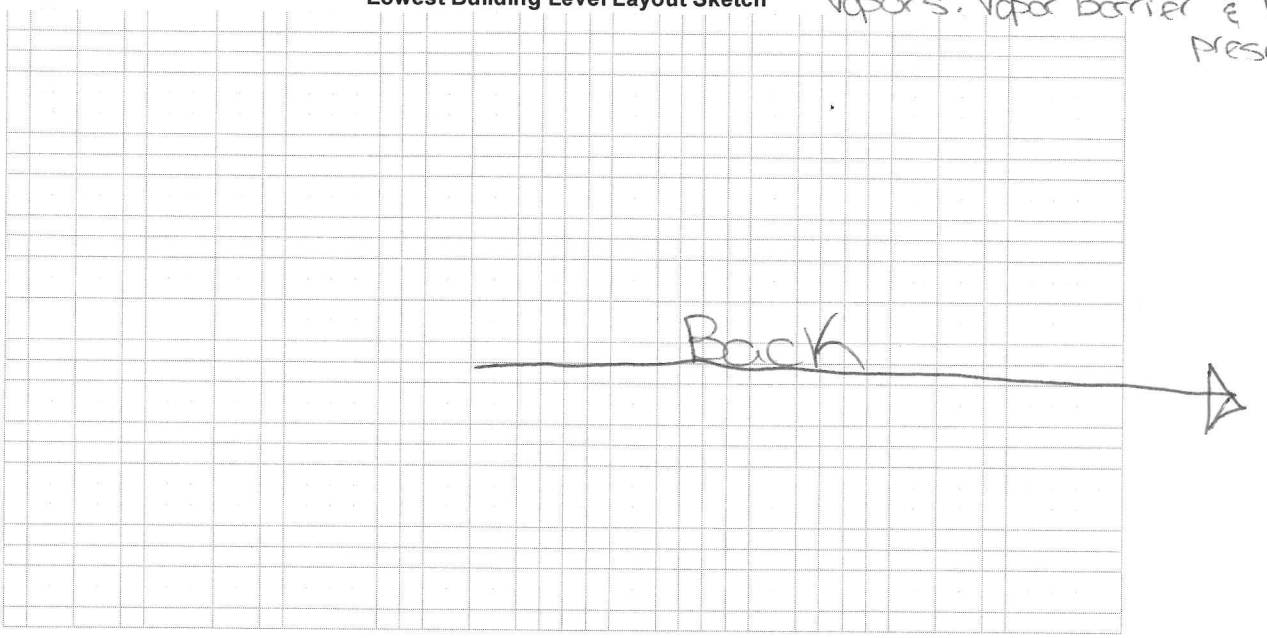
Do any building occupants use solvents at work ? ☒ Yes ☐ No Describe : auto repair solvents

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

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

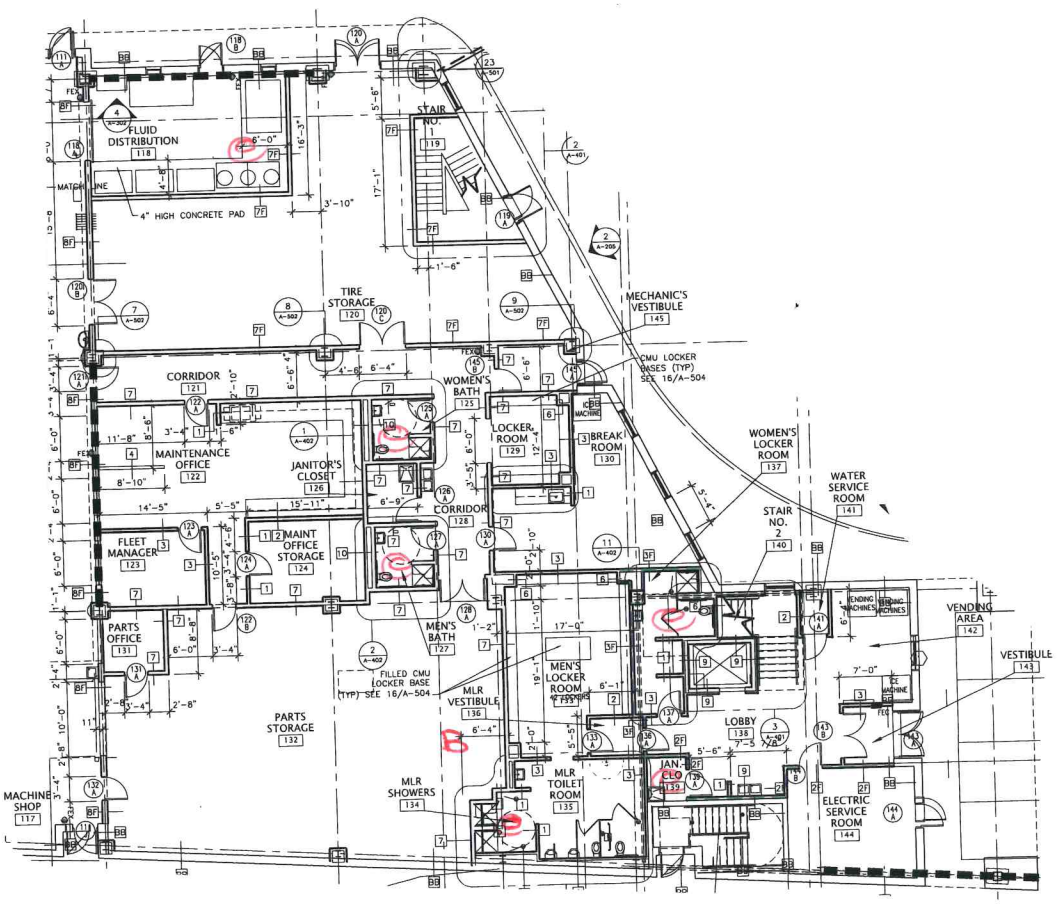
Perforated PVC piping that connects to PVC risers designed to vent air vapors. Vapor barrier & fans present.

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.


FLUID DISTRIBUTION 118
4" HIGH CONCRETE PAD
STAIR NO. 1 119
TIRE STORAGE 120
MECHANIC'S VESTIBULE 145
CMU LOCKER BASES (TYP) SEE 16/A-504
CORRIDOR 121
MAINTENANCE OFFICE 122
JANITOR'S CLOSET 126
WOMEN'S BATH 125
LOCKER ROOM 129
BREAK ROOM 130
WOMEN'S LOCKER ROOM 137
WATER SERVICE ROOM 141
STAIR NO. 2 140
CORRIDOR 128
FLEET MANAGER 123
MAINT OFFICE STORAGE 124
PARTS OFFICE 131
MEN'S BATH 127
FILLED CMU LOCKER BASE (TYP) SEE 16/A-504
MLR VESTIBULE 136
MEN'S LOCKER ROOM 133
VENDING AREA 142
VESTIBULE 143
PARTS STORAGE 132
LOBBY 138
JAN. CLO 139
MLR SHOWERS 134
MLR TOILET ROOM 135
ELECTRIC SERVICE ROOM 144
MACHINE SHOP 117

Structure Sampling - Product Inventory

Page _____ of _____

Homeowner Name & Address: 70 Nardozzi Pl, New Rochelle, NY **Date:** 10/23/21

Samplers & Company: Cassandra Ward - JM Sorge Inc. **Structure ID:** _____

Site Number & Name: _____ **Phone Number:** _____

Make & Model of PID: _____ **Date of PID Calibration:** _____

Identify any Changes from Original Building Questionnaire : _____

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
Household Cleaning Chemicals				Janitor Closet
Gear lubricant/ Hydraulic Oil	drums			Garage
Rust remover spray	gallons			
coil cleaning foam	gallons			
Industrial Degreaser	gallons			
Air compressor oil	gallons			
Protective Enamel	gallons			
Motor oil	gallons			
Transmission Fluid	drums			
Engine Oil	drums			
Used oil	drums			
Washer fluid	gallons			
Anti Freeze coolant	gallons			
Diesel Fuel	gallons			
Gasoline	gallons			

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name C. Ward of JM Sorge Date/Time Prepared 10/13/21

Preparer's Affiliation Environmental Consultant Phone No. 908 268 8865

Purpose of Investigation Part of RIWP/RAWP for the Site.

1. OCCUPANT:

Interviewed: Y / N Tenants: DPW, LA Fitness (not occupied), Liquor Store (not occupied)

Last Name: Faltings First Name: John

Address: 211 E 43rd St 25th Floor

County: New York, NY

Home Phone: 516 532 5001 Office Phone: 212-286-3300

Number of Occupants/persons at this location * Age of Occupants Various

* LA Fitness: 742, Liquor Store: 48, DPW: 361 = 1151 total

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: 70 Nordezi LLC First Name:

Address: 211 E 43rd St

County: New York, NY

Home Phone: Office Phone: 718 215 3000

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other:

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Department of Public Works offices & garage, LA Fitness, & Liquor Store.

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 2 w/ mezzanine Building age ~1 year

Is the building insulated? (Y) / N How air tight? Tight / Average / (Not Tight)

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

None

Airflow near source

Building has an open drive aisle. Office area is enclosed but has an independent air source at roof (2 floors above).

Outdoor air infiltration

Typical outdoor air filters that are within typical roof top equipment

Infiltration into air ducts

None

5. ~~BASEMENT~~ 1st Floor AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	(concrete)	stone	brick
b. Basement type:	full	crawlspace	slab	other NA
c. ~~Basement~~ 1st floor:	(concrete)	dirt	stone	other NA
d. ~~Basement~~ 1st floor:	uncovered	covered	covered with concrete sealed	
e. Concrete floor:	unsealed	(sealed)	sealed with _____	
f. Foundation walls:	poured	block	stone	other NA
g. Foundation walls:	unsealed	sealed	sealed with NA	
h. The basement is:	wet	damp	dry	moldy NA
i. The basement is:	finished	unfinished	partially finished NA	
j. Sump present?	Y / N NA			
k. Water in sump?	Y / N / not applicable NA			

Basement/Lowest level depth below grade: (0) (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Whole site has a SSVS & concrete cap. Potential vapor entry points include utility ports, drains, & cracks

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

(Hot air circulation)	Heat pump	(Hot water baseboard)	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural Gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other Mechanical Room in Mezzanine
Air conditioning:	(Central Air)	Window units	Open Windows	None

Are there air distribution ducts present? (Y)/N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Supply & return are sealed metal ducts

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	
1st Floor	City of New Rochelle Dept. of Public Works - office, truck repair, maint.
mezzanine → 2nd Floor	LA Fitness Gym & Liquor Store
3rd Floor	NA
4th Floor	NA

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y)/N DPW repair garage

b. Does the garage have a separate heating unit? (Y)/N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y)/N / NA Garbage Trucks, Police cars, Please specify Maint. Vehicles

d. Has the building ever had a fire? Y/(N) When?_____

e. Is a kerosene or unvented gas space heater present? Y/(N) Where?_____

f. Is there a workshop or hobby/craft area? (Y)/N Where & Type? Ground floor

g. Is there smoking in the building? (Y)/N How frequently? daily under garage

h. Have cleaning products been used recently? (Y)/N When & Type? sanitizer, bleach, window cleaner

i. Have cosmetic products been used recently? Y/(N) When & Type?_____

j. Has painting/staining been done in the last 6 months? (Y) / N Where & When? < 1yr - new construction

k. Is there new carpet, drapes or other textiles? (Y) / N Where & When? < 1yr - office floor

l. Have air fresheners been used recently? Y / N When & Type? unknown

m. Is there a kitchen exhaust fan? (Y) / N If yes, where vented? outside

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? outside

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building? (Y) / N
If yes, please describe: Truck & Vehicle exhaust - building is equipped w/ CO sensor activated exhaust system

Do any of the building occupants use solvents at work? (Y) / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? Auto repair related

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? (Y) / N Date of Installation: 2019-2020
Is the system active or passive? (Active)/Passive

9. WATER AND SEWAGE

Water Supply:	(Public Water)	Drilled Well	Driven Well	Dug Well	Other: _____
Sewage Disposal:	(Public Sewer)	Septic Tank	Leach Field	Dry Well	Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

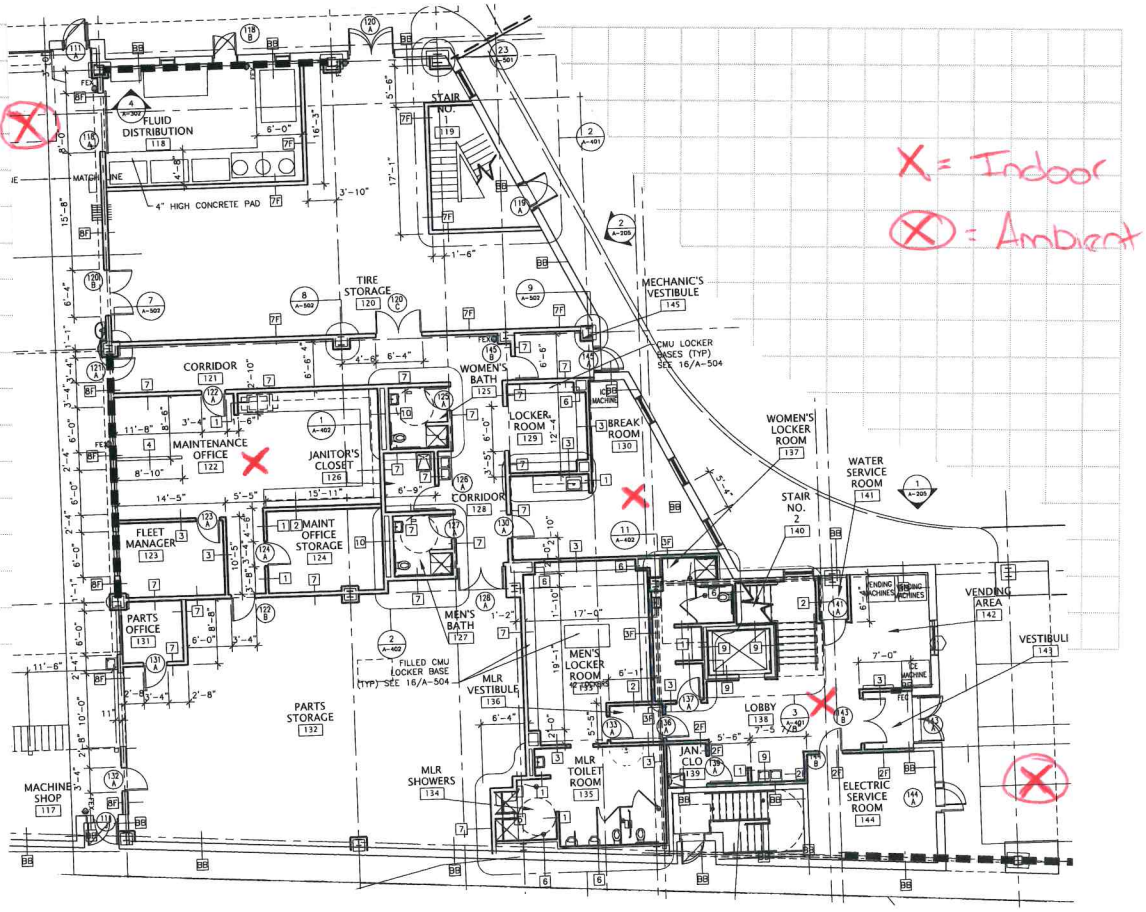
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

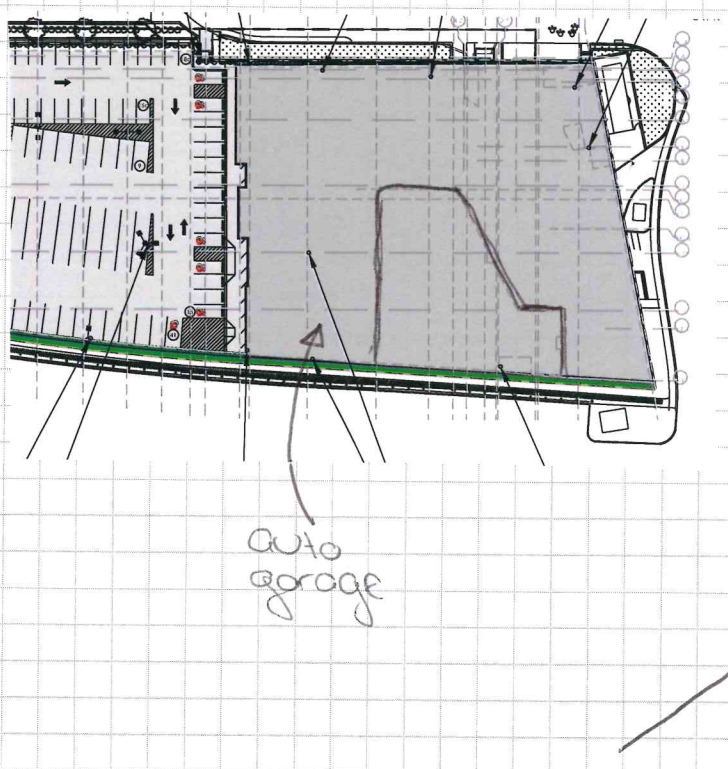


Photo 8160

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Janitor Closet	Household cleaning chemicals		U			
Garage	Gear lubricant/ Hydraulic Oil	~37 5gallon buckets ~6 drums	UO & U			
	Rust remover spray	2 cans	UO & U			
	Coil cleaning foam	2 cans				
	Industrial Degreaser	~3 gallons				
	Air compressor oil	~1 quart				
	Protective Enamel	multi gallons				
	Motor oil					
	Transmission Fluid	hundreds of gallons				
	Engine Oil	hundreds of gallons				
	Used Oil	hundreds of gallons				
	Washer Fluid	gallons				
	Anti-Freeze Coolant	gallons				
	Diesel Fuel	gallons				
	Gasoline	gallons				

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT F

Perimeter Soil Vapor Sampling Letters

February 15, 2022

Costco Wholesale
Attention: General Manager
1 Industrial Lane
New Rochelle, NY 10805

Costco Wholesale
Attention: Real Estate Department
999 Lake Drive
Issaquah, WA 98027

Via FEDEX

Reference: **Property Access Request**
Costco Wholesale
1 Industrial Lane
New Rochelle, NY 10805

Dear Costco,

70 Nardozzi LLC c/o Simone Development Companies (Nardozzi LLC) is writing to request access to the property at 1 Industrial Lane, New Rochelle, NY, as part of an ongoing environmental investigation of the adjacent property known as 70 Nardozzi Place. The investigation activities for which we are requesting access is required by the New York State Department of Environmental Conservation (NYSDEC) in accordance with the April 2021 Remedial Investigation Work Plan & Remedial Action Workplan.

Low concentrations of chlorinated volatile organic compounds (CVOCs), hydrogen sulfide, and methane have been identified in the subsurface soil gas beneath the 70 Nardozzi Place site. NYSDEC and New York State Department of Health (NYSDOH) require Nardozzi LLC to collect soil gas samples on adjacent properties to document that impacts are not migrating onto your property. Based on the low concentrations on our property, we do not believe that the contamination has migrated onto your property.

The activities will be conducted by JM Sorge, Inc. (JMS) in accordance with Workplans approved by NYSDEC. The work should be completed in one day. Several parking spots in the work area will be blocked during the soil gas sampling event. We respectfully request that you grant us access to the Property to complete the above-described activities. There will be no cost to you for this work. We will restore your Property to substantially the same condition prior to commencement of our work.

Attached is a Scope of Work outlining the activities that will be conducted and includes a map showing the proposed sampling locations.

Please provide us with your preferred access agreement or contact the undersigned to discuss. Your written response is requested within thirty days.

I can be reached at 212.286.3300 or you may e-mail me at jfaltings@gsinvestors.com if you have any questions or require additional information.

Sincerely,



John Faltings

cc: Mr. Gregg Wasser
Mr. Steven Klaiman
Ms. Alison Kokorsky, JM Sorge, Inc.

Scope of Work – 1 Industrial Lane, New Rochelle
Soil Gas Sampling

Summary of Proposed Work

The work involves the use of a small direct push (Geoprobe) drill rig to install up to four (4) approximately 3-inch diameter temporary sampling probes to approximately 5 ft below ground surface. A small pump will be used to collect a soil gas sample from each location. Following the collection of soil gas samples, the probes will be removed.

A site map depicting the approximate location of the soil gas sample locations is attached. The actual sample locations may be modified, as necessary, based on site constraints and the location of underground utilities.

Safety

- Prior to any below ground activities, the drilling contractor will obtain an underground utility markout in accordance with NYS Code Rule 753.
    - If available, please provide any as-built utility drawings that will assist in locating site specific/private underground utilities.
- Safety cones will be set up in the parking lot area adjacent to the work area.

Restoration

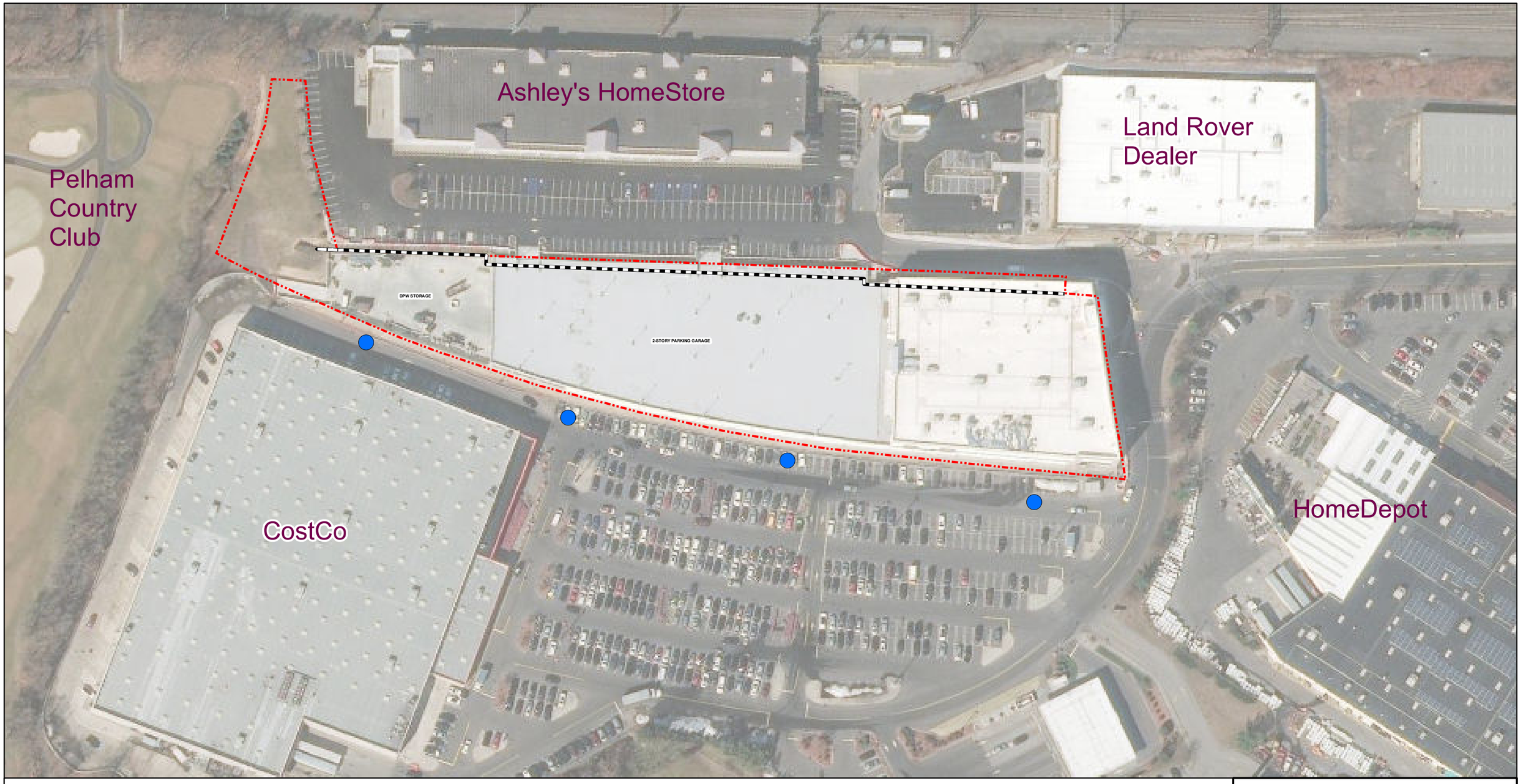
- The boring will be filled with soil generated from the soil boring clean soil and/or bentonite. If the boring is in an asphalt area, the borehole will be sealed with asphalt patch material.

Access

- Clear access to a 20′ x 30′ area around the sample location will be needed for the installation.
- The proposed sampling event will require approximately 3-4 hours onsite.
- Please provide an on-site contact.

Schedule

We would like to conduct this sampling in March 2022.



Legend

- Property Boundary
- Steel Sheet Pile Wall
- Perimeter Sample Location

N

0 40 80 160

Feet

NOTES:
1. Property Boundaries are approximate.
2. Source - Based on Site Layout Plan Map dated July 14, 2015 prepared by JMC

PERIMETER SAMPLING MAP

70 NARDOZZI PLACE
BLOCK 564, LOT 2
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 2/4/2022	JMS # 2015.191.029
JM SORGE, INC.	FIGURE 1

February 21, 2023

Costco Wholesale
Attention: General Manager
1 Industrial Lane
New Rochelle, NY 10805

Costco Wholesale
Attention: Real Estate Department
999 Lake Drive
Issaquah, WA 98027

Via FEDEX

Reference: **Property Access Request - 2nd Request**
Costco Wholesale
1 Industrial Lane
New Rochelle, NY 10805

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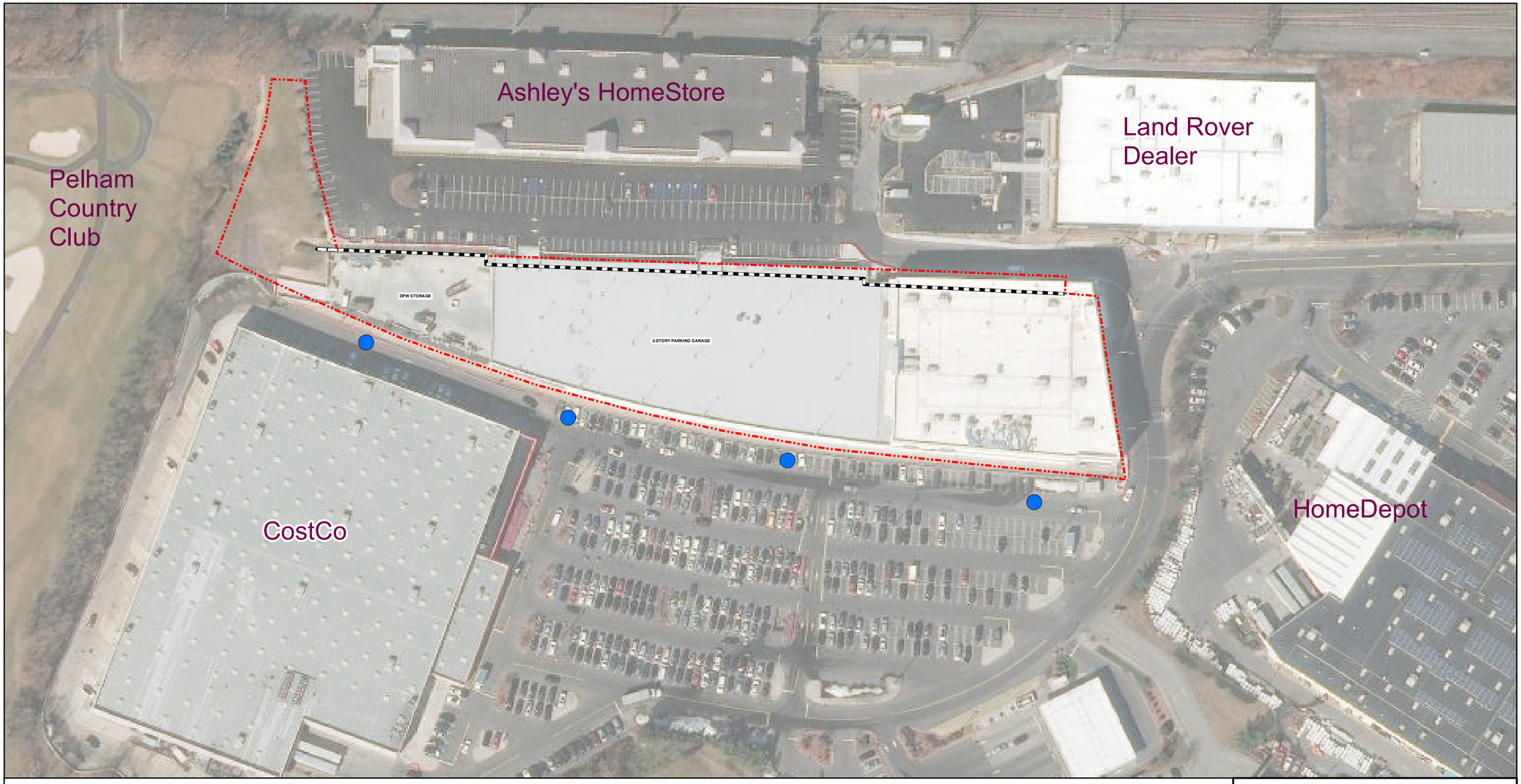
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PERIMETER SAMPLING MAP

70 NARDOZZI PLACE
BLOCK 564, LOT 2
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 2/4/2022	JMS # 2015.191.029
JM SORGE, INC.	FIGURE 1

February 15, 2022

Home Depot
Attention: General Manager
55 Weyman Avenue
New Rochelle, NY 10805

HD Development of Maryland, Inc.
2455 Paces Ferry Road, C-19
Atlanta, Georgia 30339
Attention: Property Management
Store No. 1245

Via FEDEX

Reference: **Property Access Request**
Home Depot
55 Weyman Avenue
New Rochelle, NY 10805

Dear Home Depot:

70 Nardozzi LLC c/o Simone Development Companies (Nardozzi LLC) is writing to request access to the property at 55 Weyman Avenue, New Rochelle, NY, as part of an ongoing environmental investigation of the adjacent property known as 70 Nardozzi Place. The investigation activities for which we are requesting access is required by the New York State Department of Environmental Conservation (NYSDEC) in accordance with the April 2021 Remedial Investigation Work Plan & Remedial Action Workplan.

Limited concentrations of chlorinated volatile organic compounds (CVOCs), hydrogen sulfide, and methane have been identified in the subsurface soil gas beneath the 70 Nardozzi Place site. NYSDEC and New York State Department of Health (NYSDOH) have required that Nardozzi LLC collect soil gas samples on adjacent properties to document that impacts are not migrating onto your property. Based on the low concentrations on our property, we do not believe that the contamination has migrated onto your property.

The activities will be conducted by JM Sorge, Inc. (JMS) in accordance with Workplans approved by NYSDEC. The work should be completed in one day. Several parking spots in the work area will be blocked during the soil gas sampling event. We respectfully request that you grant us access to the Property to complete the above-described activities. There will be no cost to you for this work. We will restore your Property to substantially the same condition prior to commencement of our work.

Attached is a Scope of Work outlining the activities that will be conducted and includes a map showing the proposed sampling locations.

Please provide us with your preferred access agreement or contact the undersigned to discuss. Your written response is requested within thirty days.

I can be reached at 212.286.3300 or you may e-mail me at jfaltings@gsinvestors.com if you have any questions or require additional information.

Sincerely,



John Faltings

cc: Mr. Gregg Wasser
Mr. Steven Klaiman
Ms. Alison Kokorsky, JM Sorge, Inc.

Scope of Work – 55 Weyman Avenue, New Rochelle
Soil Gas Sampling

Summary of Proposed Work

The work involves the use of a small direct push (Geoprobe) drill rig to install one (1) approximately 3-inch diameter temporary sampling probe approximately 5 ft below ground surface. A small pump will be used to collect a soil gas sample. The probe will then be removed.

A site map depicting the approximate location of the soil gas sampling location is attached. The actual sample location may be modified, as necessary, based on site constraints and the location of underground utilities.

Safety

- Prior to any below ground activities, the drilling contractor will obtain an underground utility markout in accordance with NYS Code Rule 753.
    - If available, please provide any as-built utility drawings that will assist in locating site specific/private underground utilities.
- Safety cones will be set up in the parking lot area adjacent to the work area.

Restoration

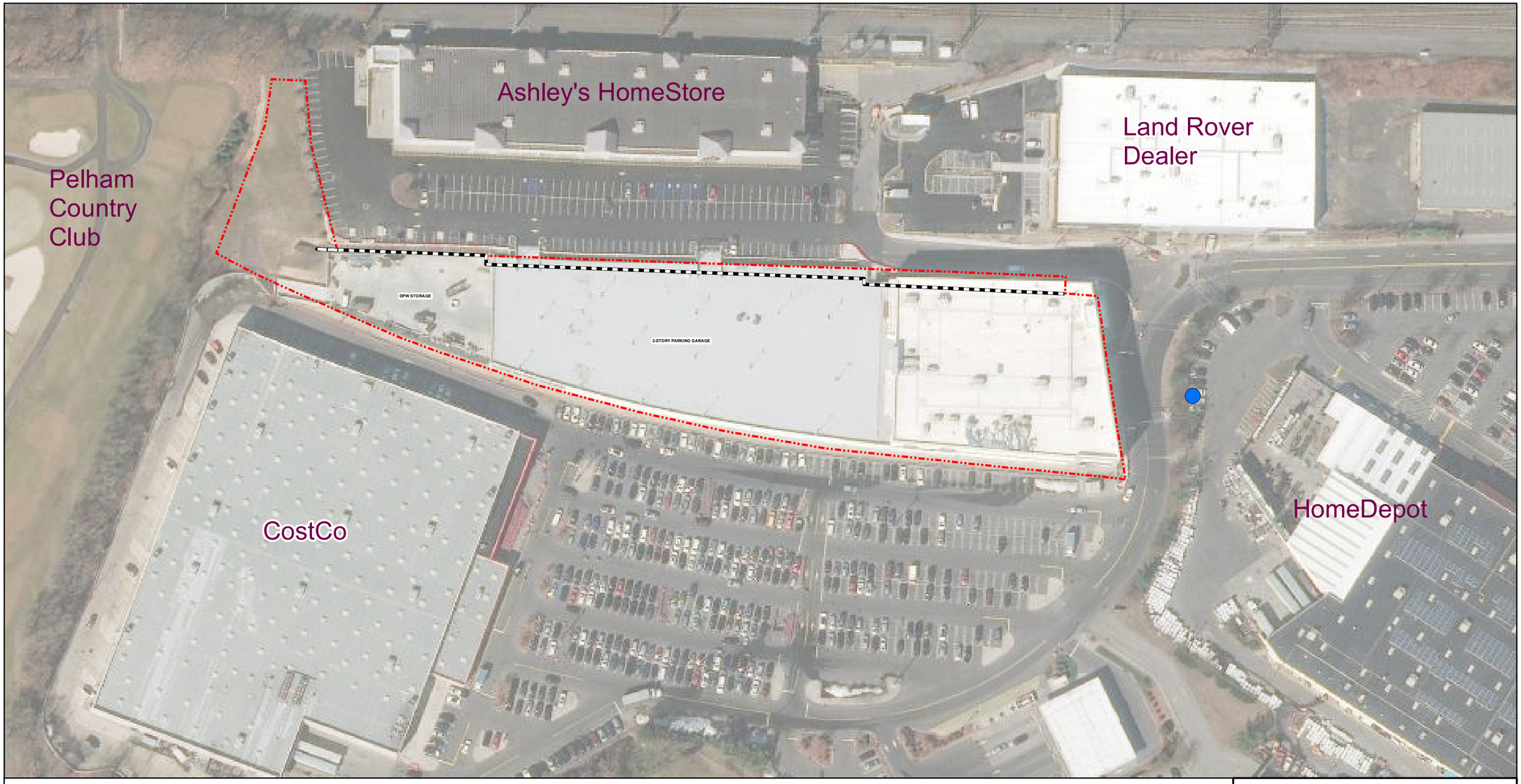
- The boring will be filled with any soil generated from the soil boring clean soil and/or bentonite. If the boring is in an asphalt area, the borehole will be sealed with asphalt patch material.

Access

- Clear access to a 20′ x 30′ area around the sample location will be needed for the installation.
- The entire process will require approximately 3-4 hours.
- Please provide an on-site contact.

Schedule

We would like to conduct this sampling in March 2022.



Legend

- Property Boundary
- Steel Sheet Pile Wall
- Perimeter Sample Location

N

0 40 80 160

Feet

NOTES:
1. Property Boundaries are approximate.
2. Source - Based on Site Layout Plan Map dated July 14, 2015 prepared by JMC

PERIMETER SAMPLING MAP

70 NARDOZZI PLACE
BLOCK 564, LOT 2
NEW ROCHELLE, NEW YORK

PREPARED FOR
70 NARDOZZI LLC

Date: 2/4/2022	JMS # 2015.191.029
JM SORGE, INC.	FIGURE 1

February 21, 2023

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New Rochelle, NY 10805

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2455 Paces Ferry Road, C-19
Atlanta, Georgia 30339
Attention: Property Management
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Via FEDEX

Reference: **Property Access Request- 2nd Request**
Home Depot
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New Rochelle, NY 10805

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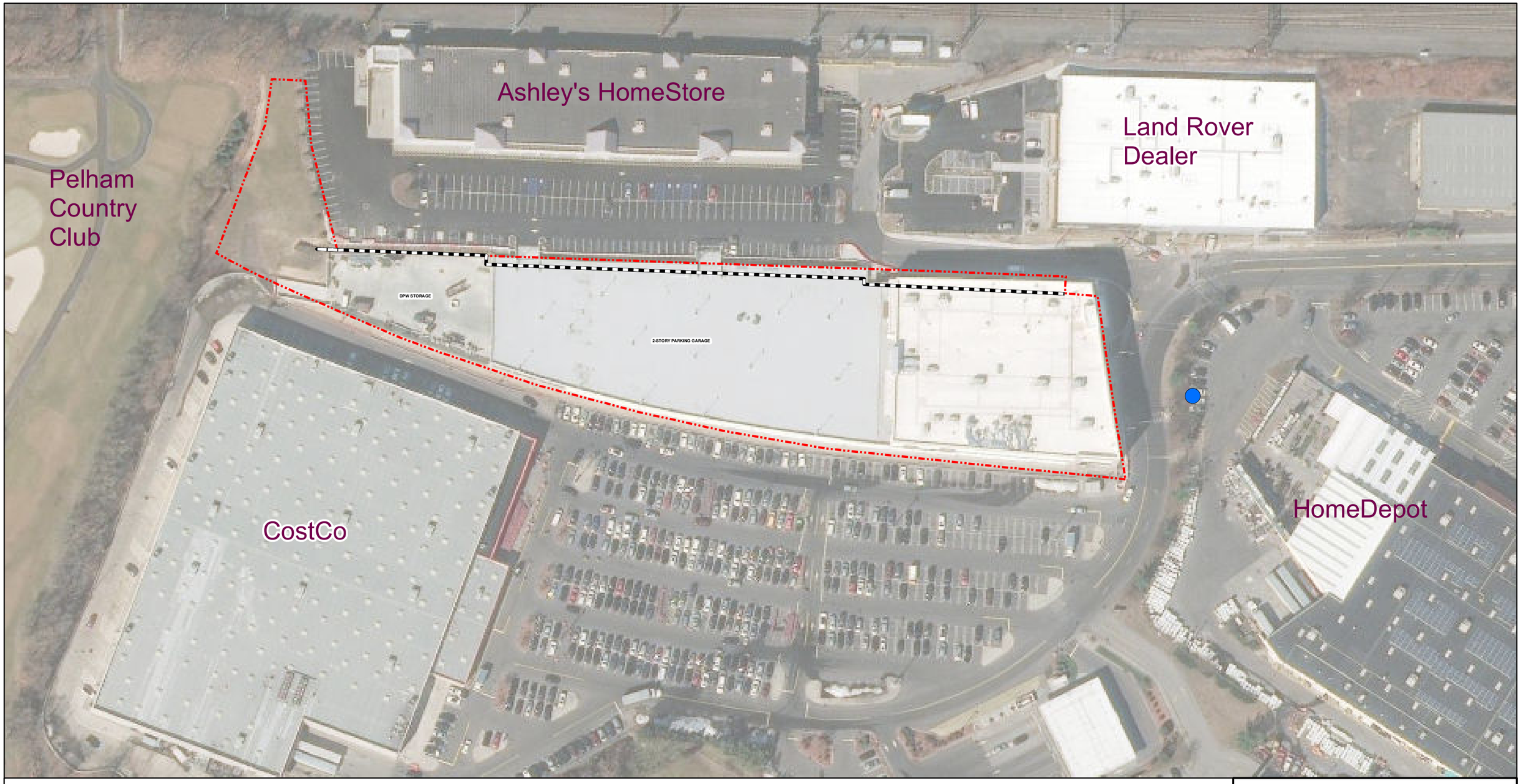
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